

Converting Colors

YUV(238.3230, -13.4702,
-19.5773)

Have a look what the booklet for
YUV(238.3230, -13.4702, -19.5773)
contains.

YUV(238.3230, -13.4702, -19.5773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(238.3230, -13.4702,
-19.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FFD3
RGB	216, 255, 211
RGB Percent	85%, 100%, 83%
CMY	0.1529, 0.0000, 0.1725
CMYK	0.15, 0.00, 0.17, 0.00
HSL	113°, 100%, 91%
HSV	113°, 17%, 100%
XYZ	75.8368, 90.8221, 75.1614
YIQ	238.3230, -9.1200, -21.9520

Conversions

Conversions Part 2

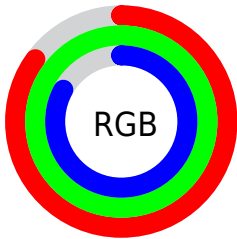
Format	Color
R_{YB}	211, 255, 250
Decimal	14221267
CIE _{Lab}	96.34, -20.46, 16.93
CIE _{LCh}	96, 26.555, 140.397
Y _{xy}	90.8221, 0.3136, 0.3756
Android (android.graphics.Color)	4292411347 (0xFFD8FFD3)
YUV	238.3230, -13.4702, -19.5773
Hunter-Lab	95.3006, -24.7323, 19.9498

Details

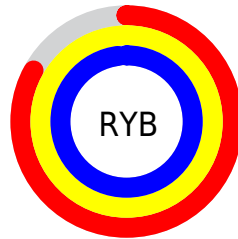
The YUV color $238.3230, -13.4702, -19.5773$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $227.6770, 13.4702, 19.5773$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.1490, -12.8915, -18.5477$ is the 20% darker color. If you saturate the color by 10%, you get $228.4820, -21.4366, -31.1177$, and if you desaturate by 10%, it is $248.0500, -5.9407, -7.9369$.

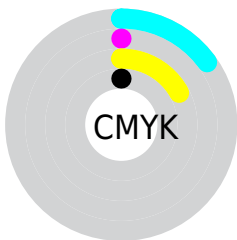
Distribution



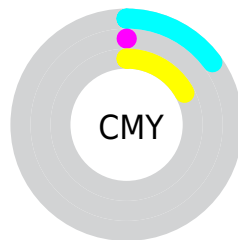
- Red (85%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.3230, -13.4702, -19.5773 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 238.3230, -13.4702, -19.5773 by changing the saturation by 10% instead.

■ 238.3230,
-13.4702, -19.5773

■ 238.3230,
-13.4702, -19.5773

255.0000, 0.0000,
0.0000

■ 209.7360,
-13.1808, -19.0625

■ 182.1490,
-12.8915, -18.5477

■ 155.2630,
-12.4547, -18.6477

■ 129.0890,
-11.8759, -17.6181

■ 103.6160,
-11.1497, -17.2032

■ 79.6160, -11.1497,
-17.2032

■ 56.2570, -9.9867,

-16.8884

■ 33.4850, -9.1131,
-17.0883

■ 16.4360, -8.1029,
-14.4144

■ 238.3230,
-13.4702, -19.5773

■ 238.3230,
-13.4702, -19.5773

■ 228.4820,
-21.4366, -31.1177

■ 248.0500, -5.9407,
-7.9369

■ 219.0540,
-29.1136, -42.1434

255.0000, 0.0000,
0.0000

■ 209.2130,
-37.0800, -53.6838

■ 199.7850,
-44.7570, -64.7094

■ 189.9440,
-52.7234, -76.2499

■ 180.2170,
-60.2530, -87.8903

■ 170.6750,
-68.3668, -98.8160

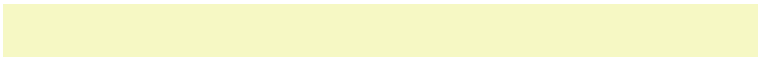
■ 160.9480,
-75.8964, -110.4564

■ 158.3560,
-78.0695, -113.4452

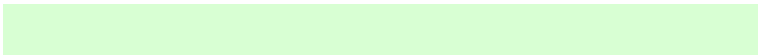
Harmonies

Analogous

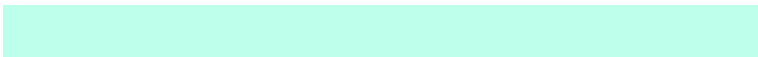
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.4740, -22.4187, 3.9693



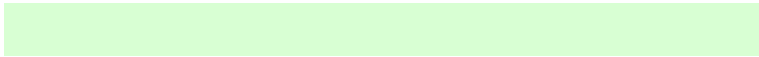
238.3230, -13.4702, -19.5773



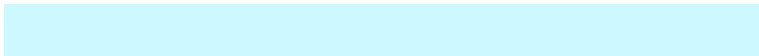
232.9860, 0.9929, -38.5757

Triad

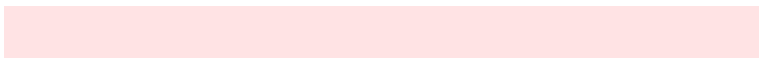
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.3230, -13.4702, -19.5773



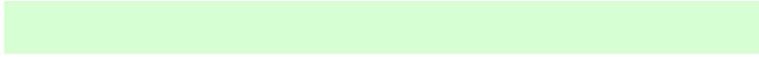
236.2290, 9.2541, -28.2648



235.4860, -3.6906, 17.1138

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



238.3230, -13.4702, -19.5773



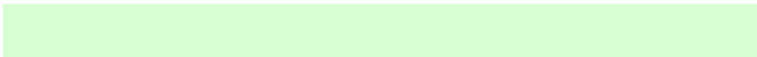
227.6770, 13.4702, 19.5773

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.4500, 7.6662, 14.5144



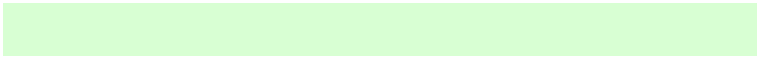
238.3230, -13.4702, -19.5773



241.6990, 6.5574, -3.2440

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



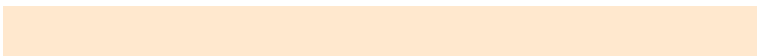
238.3230, -13.4702, -19.5773



232.2760, 11.2029, -46.7231



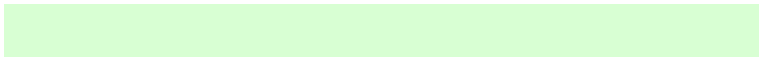
241.4990, 6.6560, 11.8404



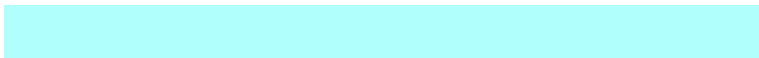
235.9130, -14.7471, 16.7393

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.3230, -13.4702, -19.5773



231.4500, 10.6241, -47.7527



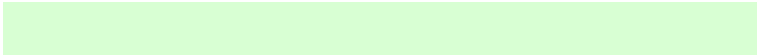
241.4990, 6.6560, 11.8404



235.8110, 0.0932, 16.8288

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



238.3230, -13.4702, -19.5773



250.2290, -4.0569, -5.4628



247.0490, -17.7722, 6.9730



124.9950, -2.4625, -3.5036



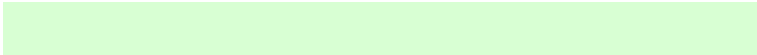
0.0000, 0.0000, 0.0000



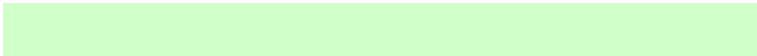
128.0000, 0.0000, 0.0000

Same Dimension

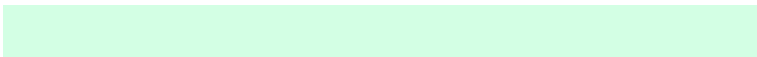
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.3230, -13.4702, -19.5773



234.7910, -16.6590, -23.4957



238.7660, -5.3076, -24.3508



122.9300, -3.9095, -6.0776



118.6950, -58.5166, -84.8015



39.6610, -19.5529, -28.6437

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



227.6770, 13.4702, 19.5773



221.5080, 16.5116, 24.1105



227.2340, 5.3076, 24.3508



119.7710, 4.0569, 5.4628



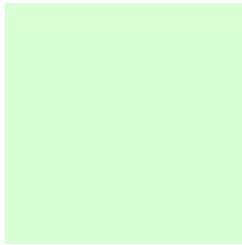
72.6040, 58.3692, 85.4163



24.3390, 19.5529, 28.6437

Previews

White Background



This preview shows how the YUV color 238.3230, -13.4702, -19.5773 looks on a white background.

Color Contrast Check

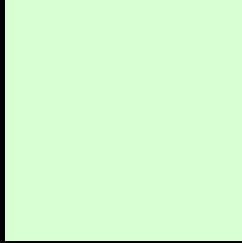
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 238.3230, -13.4702, -19.5773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

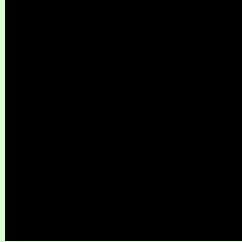
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

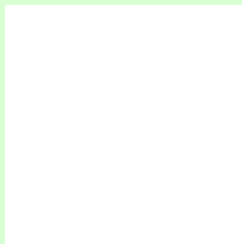
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.3230, -13.4702, -19.5773 Background



This preview shows how black text looks on a background with the YUV color 238.3230, -13.4702, -19.5773.



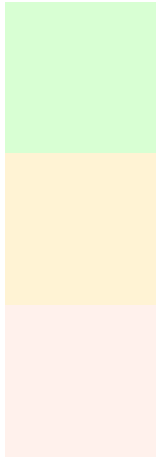
This preview shows how white text looks on a background with the YUV color 238.3230, -13.4702, -19.5773.

-19.5773.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

238.3230, -13.4702, -19.5773

Protanopia

243.0540, -15.3096, 10.4766

Deuteranopia

244.6160, -4.2477, 9.1068



Tritanopia

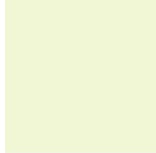
243.7370, 5.5527, -7.6623

Trichromacy



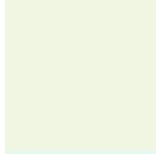
Original Color

238.3230, -13.4702, -19.5773



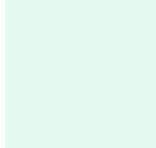
Protanomaly

241.2160, -14.4035, -0.1894



Deuteranomaly

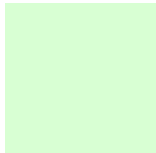
242.3390, -7.5621, -1.1743



Tritanomaly

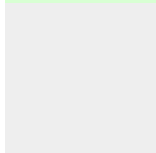
241.5810, -1.2724, -11.9105

Monochromacy



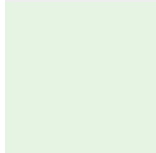
Original Color

238.3230, -13.4702, -19.5773



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

237.9900, -4.9251, -7.0072

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.3230, -13.4702, -19.5773 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 211) }
```

Border

The CSS property to change the border of an element to YUV 238.3230, -13.4702, -19.5773 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

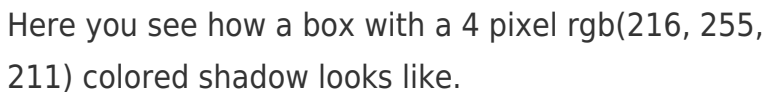
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 255, 211) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 255, 211) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(216, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 238.3230, -13.4702, -19.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
255, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor