

Converting Colors

YUV(238.7450, -6.7763,
-19.9474)

Have a look what the booklet for
YUV(238.7450, -6.7763, -19.9474)
contains.

YUV(238.7450, -6.7763, -19.9474)	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(238.7450, -6.7763,
-19.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FDE1
RGB	216, 253, 225
RGB Percent	85%, 99%, 88%
CMY	0.1529, 0.0078, 0.1176
CMYK	0.15, 0.00, 0.11, 0.01
HSL	135°, 90%, 92%
HSV	135°, 15%, 99%
XYZ	77.0348, 90.2857, 84.6009
YIQ	238.7450, -13.0640, -16.5520

Conversions

Conversions Part 2

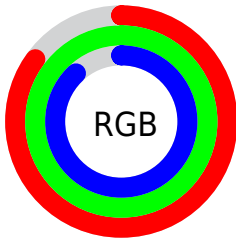
Format	Color
R_{YB}	216, 246, 253
Decimal	14220769
CIE _{Lab}	96.12, -17.08, 9.44
CIE _{LCh}	96, 19.510, 151.075
Yxy	90.2857, 0.3058, 0.3584
Android (android.graphics.Color)	4292410849 (0xFFD8FDE1)
YUV	238.7450, -6.7763, -19.9474
Hunter-Lab	95.0188, -21.5672, 13.7238

Details

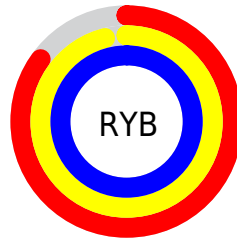
The YUV color **238.7450, -6.7763, -19.9474** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **230.2550, 6.7763, 19.9474**, and the grayscale version is **239.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **182.5710, -6.1975, -18.9178** is the 20% darker color. If you saturate the color by 10%, you get **229.1040, -11.3903, -33.4172**, and if you desaturate by 10%, it is **248.3860, -2.1623, -6.4775**.

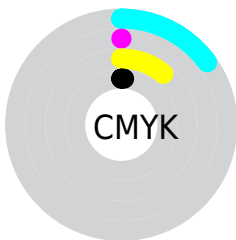
Distribution



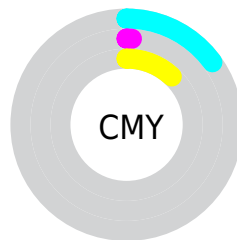
- Red (85%)
- Green (99%)
- Blue (88%)



- Red (85%)
- Yellow (96%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.7450, -6.7763, -19.9474 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 238.7450, -6.7763, -19.9474 by changing the saturation by 10% instead.

 238.7450, -6.7763,
-19.9474

 238.7450, -6.7763,
-19.9474

255.0000, 0.0000,
0.0000


 210.1580, -6.4869,
-19.4326

 182.5710, -6.1975,
-18.9178

 155.5710, -6.1975,
-18.9178

 129.3970, -5.6187,
-17.8882

 104.3970, -5.6187,
-17.8882

 79.8100, -5.3293,
-17.3734

 56.3370, -4.6031,

-16.9585

■ 34.4510, -4.1663,
-17.0585

■ 15.2620, -7.5242,
-13.3848

■ 238.7450, -6.7763,
-19.9474

■ 238.7450, -6.7763,
-19.9474

■ 229.1040,
-11.3903, -33.4172

■ 248.3860, -2.1623,
-6.4775

■ 219.1640,
-15.8569, -47.5018

■ 253.8260, 0.5788,
1.0296

■ 209.5230,
-20.4708, -60.9717

■ 199.7680,
-25.5216, -74.3415

■ 190.1270,
-30.1356, -87.8114

■ 180.1870,
-34.6022, -101.8960

■ 170.5460,
-39.2162, -115.3658

■ 160.9050,
-43.8302, -128.8357

■ 155.5790,
-46.1344, -136.4428

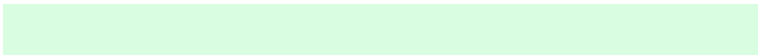
Harmonies

Analogous

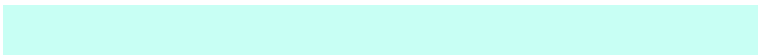
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.0800, -14.8294, -3.5782



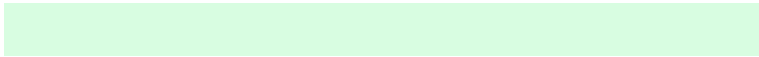
238.7450, -6.7763, -19.9474



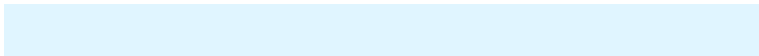
237.3010, 3.3026, -32.7130

Triad

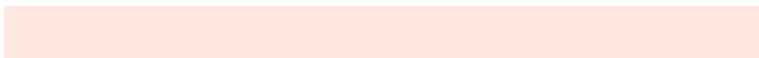
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.7450, -6.7763, -19.9474



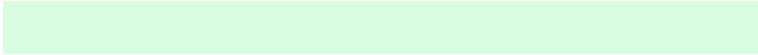
239.8610, 7.4635, -13.9101



238.0790, -6.4479, 14.8397

Complementary

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



238.7450, -6.7763, -19.9474



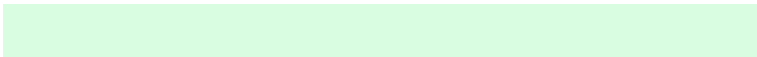
230.2550, 6.7763, 19.9474

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.



239.6580, 2.1406, 13.4549



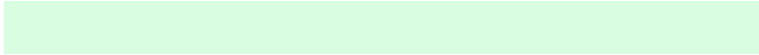
238.7450, -6.7763, -19.9474



243.5150, 5.6621, 3.9333

Square

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



238.7450, -6.7763, -19.9474



237.4030, 8.6753, -29.2944



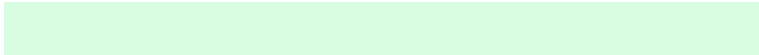
242.0860, 6.3666, 11.3256



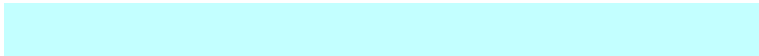
239.4180, -14.0101, 13.6654

Rectangle

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



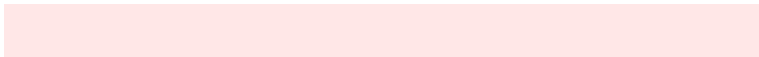
238.7450, -6.7763, -19.9474



237.0600, 8.8444, -36.8866



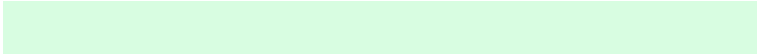
242.0860, 6.3666, 11.3256



238.1760, -3.5378, 14.7546

Sweetspot

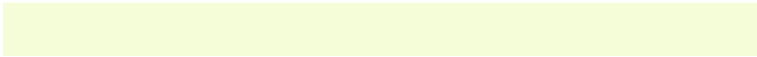
The Sweet Spot groups the original color and five complimentary colors.



238.7450, -6.7763, -19.9474



251.0980, -2.0203, -5.3479



246.0910, -14.8349, -1.8338



125.3370, -1.1521, -3.8035



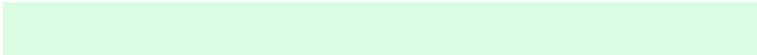
0.0000, 0.0000, 0.0000



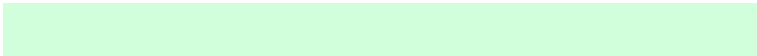
128.0000, 0.0000, 0.0000

Same Dimension

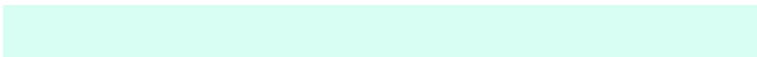
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.7450, -6.7763, -19.9474



237.2560, -8.5072, -24.7805



240.7970, 1.0861, -21.7470



122.9730, -2.4517, -6.9923



117.4750, -34.7442, -103.0256



39.3920, -11.5323, -34.5468

Inverse Universe

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



230.2550, 6.7763, 19.9474



226.7440, 8.5072, 24.7805



228.2030, -1.0861, 21.7470



119.9130, 2.0149, 7.0923



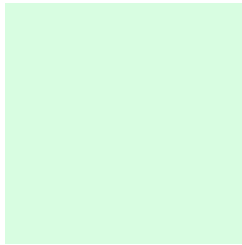
73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 238.7450, -6.7763, -19.9474 looks on a white background.

Color Contrast Check

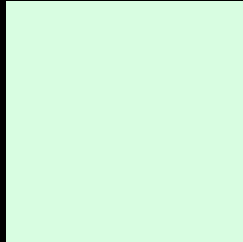
Large Text (above 18pt) WCAG AA × Fail

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 238.7450, -6.7763, -19.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

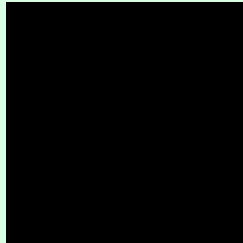
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

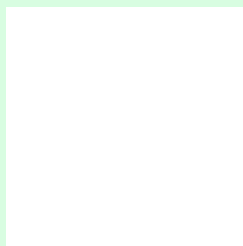
Any Text WCAG AAA ✓ Pass

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

YUV 238.7450, -6.7763, -19.9474 Background



This preview shows how black text looks on a background with the YUV color 238.7450, -6.7763, -19.9474.



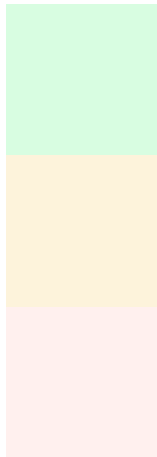
This preview shows how white text looks on a background with the YUV color 238.7450, -6.7763,

-19.9474.

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

238.7450, -6.7763, -19.9474

Protanopia

243.2540, -11.9572, 8.5472

Deuteranopia

244.2570, -3.0847, 9.4216



Tritanopia

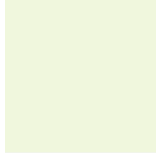
242.8510, 5.9895, -7.7623

Trichromacy



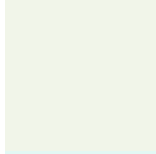
Original Color

238.7450, -6.7763, -19.9474



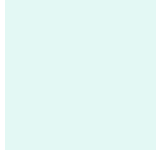
Protanomaly

241.9430, -10.3249, -1.7040



Deuteranomaly

242.4360, -4.6519, -1.2594



Tritanomaly

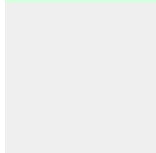
241.2650, 1.3484, -12.5104

Monochromacy



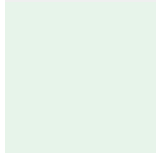
Original Color

238.7450, -6.7763, -19.9474



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

238.9730, -2.4517, -6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.7450, -6.7763, -19.9474 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, 253, 225)` looks like.

```
.text, #text, p{  
    color:rgb(216, 253, 225)  
}
```

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, 253, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 253, 225) }
```

Border

The CSS property to change the border of an element to YUV 238.7450, -6.7763, -19.9474 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, 253, 225) }
```


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

```
.border{ border-color:rgb(216, 253, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 253, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 253, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 253, 225);  
box-shadow:4px 4px 4px 4px rgb(216, 253,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 238.7450, -6.7763, -19.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 253, 225) }
```

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

```
.background{ background-color: rgb(216,  
253, 225) }
```

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