

Converting Colors

YUV(238.9490, -16.2439,
-16.6183)

Have a look what the booklet for
YUV(238.9490, -16.2439, -16.6183)
contains.

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Color

**YUV(238.9490, -16.2439,
-16.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFCE
RGB	220, 255, 206
RGB Percent	86%, 100%, 81%
CMY	0.1373, 0.0000, 0.1922
CMYK	0.14, 0.00, 0.19, 0.00
HSL	103°, 100%, 90%
HSV	103°, 19%, 100%
XYZ	76.4158, 91.1919, 71.9668
YIQ	238.9490, -5.1310, -22.6590

Conversions

Conversions Part 2

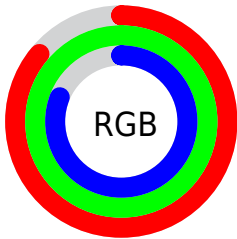
Format	Color
R_{YB}	206, 255, 241
Decimal	14483406
CIE _{Lab}	96.49, -19.94, 19.73
CIE _{LCh}	96, 28.051, 135.301
Y _{xy}	91.1919, 0.3190, 0.3806
Android (android.graphics.Color)	4292673486 (0xFFDCFFCE)
YUV	238.9490, -16.2439, -16.6183
Hunter-Lab	95.4944, -24.2775, 22.1638

Details

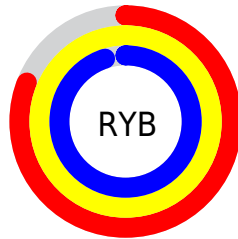
The YUV color $238.9490, -16.2439, -16.6183$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $222.0510, 16.2439, 16.6183$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.8890, -15.2283, -15.6887$ is the 20% darker color. If you saturate the color by 10%, you get $230.6030, -24.9473, -25.0848$, and if you desaturate by 10%, it is $247.2950, -7.5404, -8.1517$.

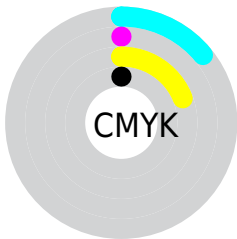
Distribution



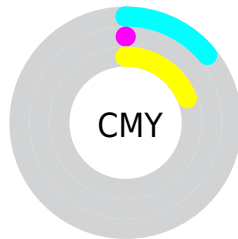
- Red (86%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.9490, -16.2439, -16.6183 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 238.9490, -16.2439, -16.6183 by changing the saturation by 10% instead.

■ 238.9490,
-16.2439, -16.6183

■ 238.9490,
-16.2439, -16.6183

255.0000, 0.0000,
0.0000

■ 210.3620,
-15.9545, -16.1035

■ 182.8890,
-15.2283, -15.6887

■ 156.0030,
-14.7915, -15.7886

■ 129.4160,
-14.5021, -15.2738

■ 103.9430,
-13.7759, -14.8590

■ 80.0570, -13.3391,
-14.9590

■ 56.5840, -12.6129,

-14.5442

■ 33.9970, -12.3235,
-14.0294

■ 16.4360, -8.1029,
-14.4144

■ 238.9490,
-16.2439, -16.6183

■ 238.9490,
-16.2439, -16.6183

■ 230.6030,
-24.9473, -25.0848

■ 247.2950, -7.5404,
-8.1517

■ 222.3710,
-33.2139, -33.6514

255.0000, 0.0000,
0.0000

■ 213.8400,
-41.3331, -42.8327

■ 205.4940,
-50.0365, -51.2992

■ 197.2620,
-58.3032, -59.8658

■ 188.9160,
-67.0066, -68.3323

■ 180.5700,
-75.7100, -76.7989

■ 172.0390,
-83.8292, -85.9802

■ 171.5120,
-84.5554, -86.3950

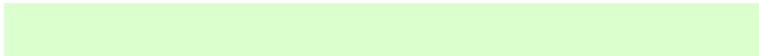
Harmonies

Analogous

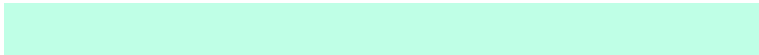
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.5130, -24.9029, 7.4431



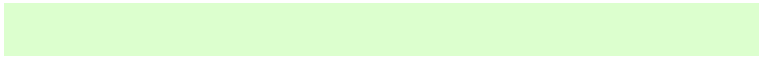
238.9490, -16.2439, -16.6183



233.0140, -1.4859, -36.8463

Triad

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



238.9490, -16.2439, -16.6183



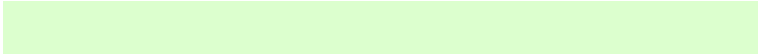
235.0110, 9.8546, -34.2126



235.3550, -1.6540, 17.2287

Complementary

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



238.9490, -16.2439, -16.6183



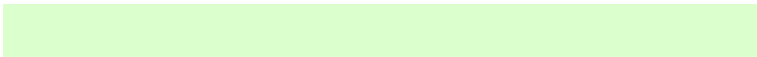
222.0510, 16.2439, 16.6183

Split Complementary

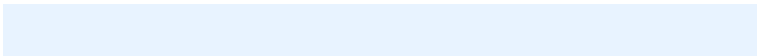
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5640, 8.1029, 14.4144



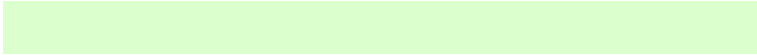
238.9490, -16.2439, -16.6183



241.0790, 6.8631, -7.9623

Square

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



238.9490, -16.2439, -16.6183



230.1830, 12.2348, -51.0265



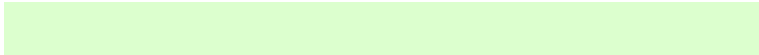
242.0860, 6.3666, 11.3256



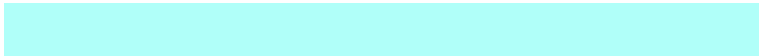
234.8530, -13.7315, 17.6689

Rectangle

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



238.9490, -16.2439, -16.6183



230.6950, 9.0244, -47.9675



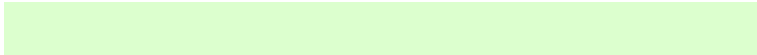
242.0860, 6.3666, 11.3256



235.7940, 2.5666, 16.8437

Sweetspot

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



238.9490, -16.2439, -16.6183



250.0010, -4.9305, -5.2629



240.6090, -17.0622, 12.6209



124.8810, -2.8993, -3.4036



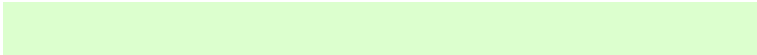
0.0000, 0.0000, 0.0000



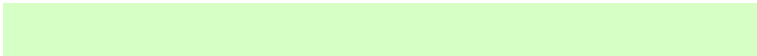
128.0000, 0.0000, 0.0000

Same Dimension

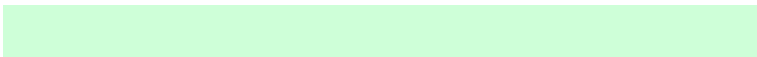
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.9490, -16.2439, -16.6183



235.7160, -19.5800, -19.9219



235.9030, -9.8122, -26.2249



123.5280, -4.2043, -4.8481



128.5620, -63.3811, -64.5139



42.9500, -21.1743, -21.8811

Inverse Universe

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



222.0510, 16.2439, 16.6183



215.2840, 19.5800, 19.9219



225.0970, 9.8122, 26.2249



119.1730, 4.3517, 4.2333



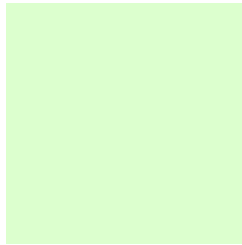
62.7370, 63.2337, 65.1287



21.0500, 21.1744, 21.8811

Previews

White Background



This preview shows how the YUV color 238.9490, -16.2439, -16.6183 looks on a white background.

Color Contrast Check

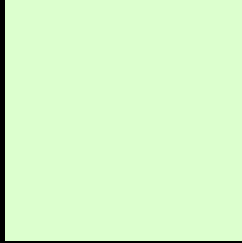
Large Text (above 18pt) WCAG AA × Fail

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 238.9490, -16.2439, -16.6183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

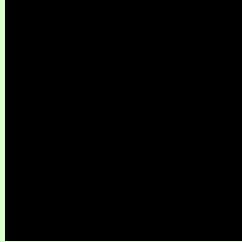
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

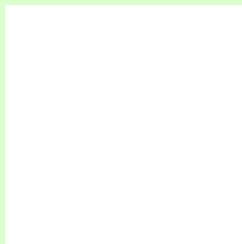
Any Text WCAG AAA ✓ Pass

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

YUV 238.9490, -16.2439, -16.6183 Background



This preview shows how black text looks on a background with the YUV color 238.9490, -16.2439, -16.6183.



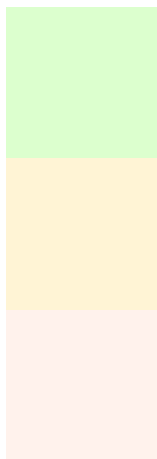
This preview shows how white text looks on a background with the YUV color 238.9490, -16.2439, -16.6183.

-16.6183.

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

238.9490, -16.2439, -16.6183

Protanopia

243.7550, -15.1622, 9.8619

Deuteranopia

245.2030, -4.5371, 8.5920



Tritanopia

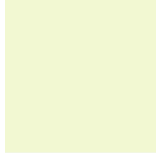
244.6340, 5.1104, -5.8180

Trichromacy



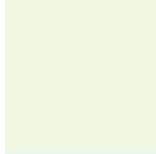
Original Color

238.9490, -16.2439, -16.6183



Protanomaly

241.8740, -15.7139, 0.1105



Deuteranomaly

242.9970, -8.8725, -0.8744



Tritanomaly

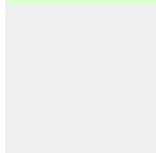
242.2500, -2.5882, -9.8662

Monochromacy



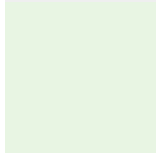
Original Color

238.9490, -16.2439, -16.6183



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.9490, -16.2439, -16.6183 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(220, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 206)  
}
```

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(220, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 206) }
```

Border

The CSS property to change the border of an element to YUV 238.9490, -16.2439, -16.6183 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(220, 255, 206) }
```


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

```
.border{ border-color:rgb(220, 255, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 238.9490, -16.2439, -16.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 206) }
```

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

```
.background{ background-color: rgb(220,  
255, 206) }
```

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](#).

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