

Converting Colors

YUV(216.8250, 18.8203,
-16.5095)

Have a look what the booklet for
YUV(216.8250, 18.8203, -16.5095)
contains.

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Color

**YUV(216.8250, 18.8203,
-16.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DBFF
RGB	198, 219, 255
RGB Percent	78%, 86%, 100%
CMY	0.2235, 0.1412, 0.0000
CMYK	0.22, 0.14, 0.00, 0.00
HSL	218°, 100%, 89%
HSV	218°, 22%, 100%
XYZ	66.6702, 69.8888, 104.5837
YIQ	216.8250, -24.0720, 6.7440

Conversions

Conversions Part 2

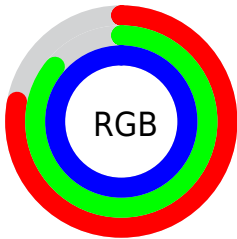
Format	Color
R _Y B	198, 213, 255
Decimal	13032447
CIE Lab	86.94, 0.54, -19.85
CIE LCh	87, 19.853, 271.560
Yxy	69.8888, 0.2765, 0.2898
Android (android.graphics.Color)	4291222527 (0xFFC6DBFF)
YUV	216.8250, 18.8203, -16.5095
Hunter-Lab	83.5995, -3.9463, -15.6526

Details

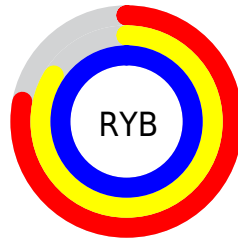
The YUV color $216.8250, 18.8203, -16.5095$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.1750, -18.8203, 16.5095$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.5970, 17.9467, -16.3096$ is the 20% darker color. If you saturate the color by 10%, you get $199.9580, 27.1357, -23.6422$, and if you desaturate by 10%, it is $233.9910, 10.3574, -8.7621$.

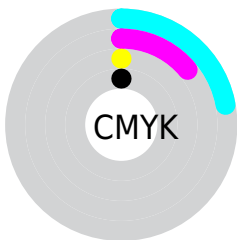
Distribution



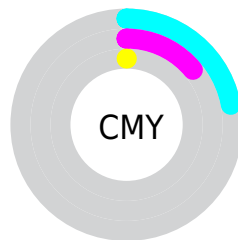
- Red (78%)
- Green (86%)
- Blue (100%)



- Red (78%)
- Yellow (84%)
- Blue (100%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.8250, 18.8203, -16.5095 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 216.8250, 18.8203, -16.5095 by changing the saturation by 10% instead.

■ 216.8250, 18.8203,
-16.5095

■ 216.8250, 18.8203,
-16.5095

255.0000, 0.0000,
0.0000

■ 188.7110, 18.3835,
-16.4095

■ 161.5970, 17.9467,
-16.3096

■ 135.4830, 17.5099,
-16.2096

■ 110.2550, 16.6363,
-16.0096

■ 85.2550, 16.6363,
-16.0096

■ 61.4290, 16.0575,
-17.0392

■ 38.3040, 15.6261,

-18.6836

■ 18.9730, 14.3103,
-16.6393

■ 3.6650, 11.5042,
-3.2142

■ 216.8250, 18.8203,
-16.5095

■ 216.8250, 18.8203,
-16.5095

■ 199.9580, 27.1357,
-23.6422

■ 233.9910, 10.3574,
-8.7621

■ 182.7920, 35.5985,
-31.3896

■ 250.8580, 2.0420,
-1.6295

■ 165.9250, 43.9140,
-38.5222

■ 255.0000, 0.0000,
0.0000

■ 148.7590, 52.3768,
-46.2696

■ 131.3050, 60.9816,
-52.8875

■ 114.1390, 69.4445,
-60.6349

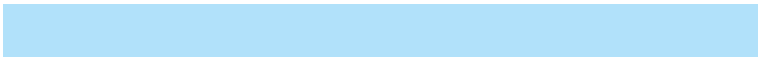
■ 97.2720, 77.7599,
-67.7675

■ 84.2480, 84.1807,
-73.8855

Harmonies

Analogous

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



213.4980, 17.9955, -32.0087



216.8250, 18.8203, -16.5095



220.2080, 14.6875, 2.4486

Triad

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



216.8250, 18.8203, -16.5095



219.8530, -10.2805, 30.8239



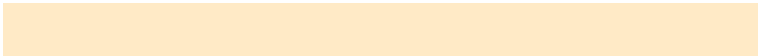
212.7450, -6.7763, -19.9474

Complementary

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



216.8250, 18.8203, -16.5095



236.1750, -18.8203, 16.5095

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.



215.0800, -14.8294, -3.5782



216.8250, 18.8203, -16.5095



219.0990, -16.8108, 25.3462

Square

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



216.8250, 18.8203, -16.5095



221.3180, -2.1288, 29.5391



217.2670, -18.3726, 12.9208



211.0020, 3.4500, -33.3278

Rectangle

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



216.8250, 18.8203, -16.5095



221.0200, 9.8501, 14.0145



217.2670, -18.3726, 12.9208



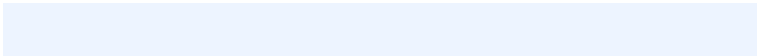
213.3820, -9.5553, -15.2440

Sweetspot

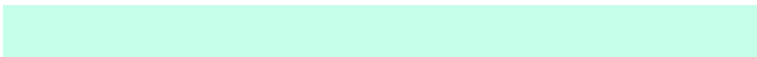
The Sweet Spot groups the original color and five complimentary colors.



216.8250, 18.8203, -16.5095



243.1610, 5.8366, -5.4032



235.4490, -1.2074, -32.8428



120.6020, 3.6472, -3.1590



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.



216.8250, 18.8203, -16.5095



209.1280, 22.6149, -20.2833



206.5910, 23.8656, -1.3953



118.8300, 4.5208, -3.3589



62.8640, 63.1710, -55.1317



20.7970, 21.2991, -18.2390

Inverse Universe

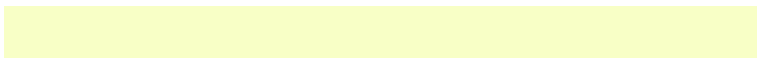
The Inverse Universe completely reimagines the original color for something new.



217.4370, 0.7706, 32.9428



209.5950, 1.1857, 39.8202



246.4090, -23.8656, 1.3953



119.3430, -0.1691, 7.5922



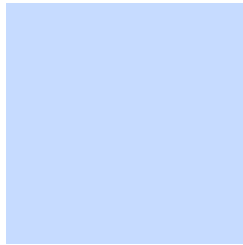
65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 216.8250, 18.8203, -16.5095 looks on a white background.

Color Contrast Check

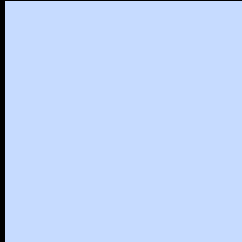
Large Text (above 18pt) WCAG AA × Fail

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 216.8250, 18.8203, -16.5095 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 216.8250, 18.8203, -16.5095 Background



This preview shows how black text looks on a background with the YUV color 216.8250, 18.8203, -16.5095.



This preview shows how white text looks on a background with the YUV color 216.8250, 18.8203, -16.5095.

-16.5095.

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

216.8250, 18.8203, -16.5095

Protanopia

218.7230, 16.8986, -6.7731

Deuteranopia

219.2940, 17.6031, 0.6192



Tritanopia

215.8650, 11.4056, -18.2986

Trichromacy



Original Color

216.8250, 18.8203, -16.5095

Protanomaly

217.9290, 17.7830, -10.4617

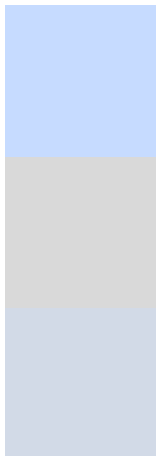
Deuteranomaly

218.6630, 17.9141, -5.8435

Tritanomaly

216.2610, 14.1683, -17.7689

Monochromacy



Original Color

216.8250, 18.8203, -16.5095

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0900, 6.8576, -6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.8250, 18.8203, -16.5095 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(198, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 219, 255)  
}
```

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(198, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 216.8250, 18.8203, -16.5095 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(198, 219, 255) }
```


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

```
.border{ border-color:rgb(198, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 216.8250, 18.8203, -16.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 219, 255) }
```

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

```
.background{ background-color: rgb(198,  
219, 255) }
```

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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