

Converting Colors

YUV(204.9080, 16.3144,
-6.0583)

Have a look what the booklet for
YUV(204.9080, 16.3144, -6.0583)
contains.

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Color

**YUV(204.9080, 16.3144,
-6.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CAEE
RGB	198, 202, 238
RGB Percent	78%, 79%, 93%
CMY	0.2235, 0.2078, 0.0667
CMYK	0.17, 0.15, 0.00, 0.07
HSL	234°, 54%, 85%
HSV	234°, 17%, 93%
XYZ	59.8418, 60.4199, 89.3971
YIQ	204.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

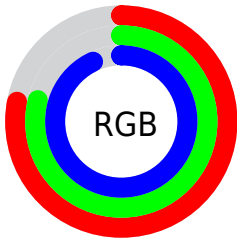
Format	Color
R _Y B	198, 202, 238
Decimal	13028078
CIE Lab	82.07, 5.84, -18.20
CIE LCh	82, 19.113, 287.801
Yxy	60.4199, 0.2854, 0.2882
Android (android.graphics.Color)	4291218158 (0xFFC6CAEE)
YUV	204.9080, 16.3144, -6.0583
Hunter-Lab	77.7302, 1.3932, -13.7780

Details

The YUV color $204.9080, 16.3144, -6.0583$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.0920, -16.3144, 6.0583$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $150.6800, 15.4408, -5.8584$ is the 20% darker color. If you saturate the color by 10%, you get $185.4050, 25.9293, -10.0022$, and if you desaturate by 10%, it is $224.4110, 6.6994, -2.1144$.

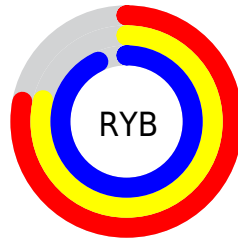
Distribution



Red (78%)

Green (79%)

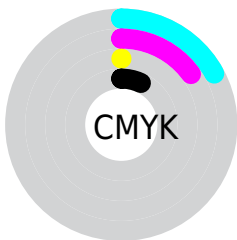
Blue (93%)



Red (78%)

Yellow (79%)

Blue (93%)

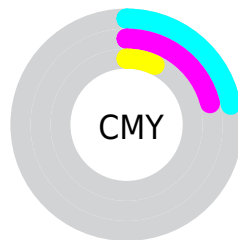


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9080, 16.3144, -6.0583 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 204.9080, 16.3144, -6.0583 by changing the saturation by 10% instead.

■ 204.9080, 16.3144,
-6.0583

■ 204.9080, 16.3144,
-6.0583

255.0000, 0.0000,
0.0000

■ 177.7940, 15.8776,
-5.9583

■ 150.6800, 15.4408,
-5.8584

■ 124.5660, 15.0040,
-5.7584

■ 100.0390, 14.2778,
-6.1732

■ 75.9250, 13.8410,
-6.0732

■ 52.5120, 13.5516,
-6.5880

■ 30.9850, 12.8254,

-7.0028

■ 6.9250, 13.8410,
-6.0732

■ 1.2540, 4.8048,
-1.0998

■ 204.9080, 16.3144,
-6.0583

■ 204.9080, 16.3144,
-6.0583

■ 185.4050, 25.9293,
-10.0022

■ 224.4110, 6.6994,
-2.1144

■ 165.3150, 35.8337,
-13.4313

■ 244.5010, -3.2050,
1.3146

■ 146.1110, 45.3013,
-16.7603

■ 253.0620, -7.4256,
1.6996

■ 126.0210, 55.2056,
-20.1894

■ 106.5180, 64.8206,
-24.1333

■ 86.4280, 74.7250,
-27.5624

■ 66.9250, 84.3400,
-31.5062

■ 47.7210, 93.8075,
-34.8353

■ 41.2200, 97.0125,
-36.1499

Harmonies

Analogous

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



201.6670, 18.4052, -23.3870



204.9080, 16.3144, -6.0583



206.8240, 10.4398, 11.5554

Triad

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



204.9080, 16.3144, -6.0583



205.9190, -13.7641, 28.1350



198.1940, -1.0816, -26.4801

Complementary

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



204.9080, 16.3144, -6.0583



231.0920, -16.3144, 6.0583

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.



199.9910, -9.8556, -12.2701



204.9080, 16.3144, -6.0583



203.9410, -17.2259, 18.4687

Square

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



204.9080, 16.3144, -6.0583



207.1780, -6.4968, 30.5389



202.1950, -15.8721, 4.2140



197.5440, 8.1128, -35.5571

Rectangle

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



204.9080, 16.3144, -6.0583



207.5110, 5.1711, 21.4769



202.1950, -15.8721, 4.2140



198.4180, -4.1501, -22.2916

Sweetspot

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



204.9080, 16.3144, -6.0583



244.6560, 5.0996, -2.3293



225.5840, 4.1491, -24.1912



121.4990, 3.2050, -1.3146



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.



204.9080, 16.3144, -6.0583



212.7490, 20.8297, -7.6729



207.3440, 15.1134, 5.8373



109.9550, 4.9522, -1.7145



31.5420, 75.1618, -27.6623



9.9060, 22.7243, -8.6876

Inverse Universe

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



210.4160, -4.1491, 24.1912



219.8190, -5.3338, 30.8537



228.6560, -15.1134, -5.8373



111.7020, -1.3321, 7.2773



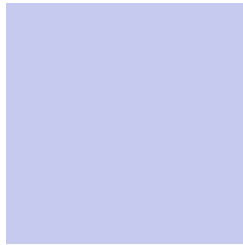
57.0680, -19.2605, 111.3194



17.4280, -5.6340, 33.8276

Previews

White Background



This preview shows how the YUV color 204.9080, 16.3144, -6.0583 looks on a white background.

Color Contrast Check

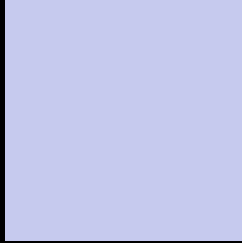
Large Text (above 18pt) WCAG AA × Fail

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 204.9080, 16.3144, -6.0583 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 204.9080, 16.3144, -6.0583

Background



This preview shows how black text looks on a background with the YUV color 204.9080, 16.3144, -6.0583.



This preview shows how white text looks on a background with the YUV color 204.9080, 16.3144, -6.0583.

-6.0583.

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

204.9080, 16.3144, -6.0583

Protanopia

204.6090, 16.4618, -6.6731

Deuteranopia

205.9520, 16.2927, 0.9191



Tritanopia

203.8340, 8.4628, -7.7474

Trichromacy



Original Color

204.9080, 16.3144, -6.0583

Protanomaly

204.6090, 16.4618, -6.6731

Deuteranomaly

205.6420, 16.4455, -1.4400

Tritanomaly

204.2300, 11.2256, -7.2177

Monochromacy



Original Color

204.9080, 16.3144, -6.0583

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9080, 16.3144, -6.0583 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, 202, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 238)  
}
```

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, 202, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 238) }
```

Border

The CSS property to change the border of an element to YUV 204.9080, 16.3144, -6.0583 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, 202, 238) }
```


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

```
.border{ border-color:rgb(198, 202, 238) }
```

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

Here you see how a box with a 4 pixel rgb(198, 202, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 202, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 202, 238);  
box-shadow:4px 4px 4px 4px rgb(198, 202,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 204.9080, 16.3144, -6.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 238) }
```

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

```
.background{ background-color: rgb(198,  
202, 238) }
```

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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