

Converting Colors

YUV(210.7120, 16.9040,
-8.5174)

Have a look what the booklet for
YUV(210.7120, 16.9040, -8.5174)
contains.

YUV(210.7120, 16.9040, -8.5174)	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(210.7120, 16.9040,
-8.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D1F5
RGB	201, 209, 245
RGB Percent	79%, 82%, 96%
CMY	0.2118, 0.1804, 0.0392
CMYK	0.18, 0.15, 0.00, 0.04
HSL	229°, 69%, 87%
HSV	229°, 18%, 96%
XYZ	63.3693, 64.6110, 95.5175
YIQ	210.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

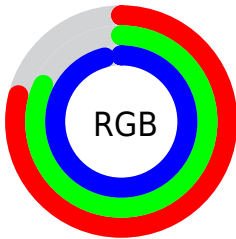
Format	Color
R _Y B	201, 208, 245
Decimal	13226485
CIE Lab	84.28, 4.55, -18.56
CIE LCh	84, 19.104, 283.769
Yxy	64.6110, 0.2835, 0.2891
Android (android.graphics.Color)	4291416565 (0xFFC9D1F5)
YUV	210.7120, 16.9040, -8.5174
Hunter-Lab	80.3810, 0.0559, -14.1882

Details

The YUV color $210.7120, 16.9040, -8.5174$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.2880, -16.9040, 8.5174$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $156.4840, 16.0304, -8.3175$ is the 20% darker color. If you saturate the color by 10%, you get $191.7960, 26.2296, -12.9761$, and if you desaturate by 10%, it is $229.9270, 7.4310, -3.4440$.

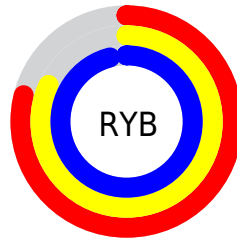
Distribution



Red (79%)

Green (82%)

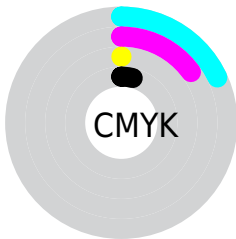
Blue (96%)



Red (79%)

Yellow (82%)

Blue (96%)

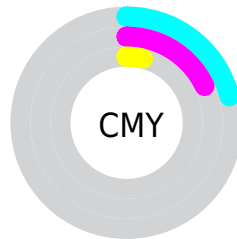


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7120, 16.9040, -8.5174 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 210.7120, 16.9040, -8.5174 by changing the saturation by 10% instead.

■ 210.7120, 16.9040,
-8.5174

■ 210.7120, 16.9040,
-8.5174

255.0000, 0.0000,
0.0000

■ 182.7120, 16.9040,
-8.5174

■ 156.4840, 16.0304,
-8.3175

■ 130.0710, 15.7410,
-8.8323

■ 104.8430, 14.8674,
-8.6323

■ 80.7290, 14.4306,
-8.5323

■ 57.2020, 13.7044,
-8.9472

■ 34.7890, 13.4150,

-9.4620

■ 13.3760, 13.1256,
-9.9768

■ 2.7530, 8.0098,
-2.4144

■ 210.7120, 16.9040,
-8.5174

■ 210.7120, 16.9040,
-8.5174

■ 191.7960, 26.2296,
-12.9761

■ 229.9270, 7.4310,
-3.4440

■ 172.5810, 35.7026,
-18.0495

■ 248.8430, -1.8946,
1.0147

■ 153.3660, 45.1756,
-23.1230

■ 253.8600, -4.3680,
0.9998

■ 134.4500, 54.5012,
-27.5816

■ 115.2350, 63.9741,
-32.6551

■ 96.3190, 73.2997,
-37.1138

■ 77.1040, 82.7727,
-42.1872

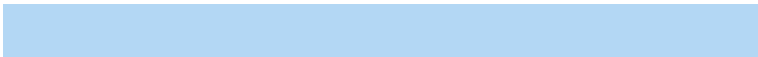
■ 58.1880, 92.0983,
-46.6459

■ 54.3450, 93.9929,
-47.6606

Harmonies

Analogous

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



207.5420, 17.9738, -25.0313



210.7120, 16.9040, -8.5174



213.0410, 11.3188, 9.6110

Triad

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



210.7120, 16.9040, -8.5174



212.4460, -13.0379, 28.5499



204.5640, -2.2501, -25.0506

Complementary

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



210.7120, 16.9040, -8.5174



235.2880, -16.9040, 8.5174

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.



206.6600, -11.1714, -10.2258



210.7120, 16.9040, -8.5174



210.9520, -17.2313, 20.2131

Square

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



210.7120, 16.9040, -8.5174



213.4060, -5.6232, 30.3389



208.9780, -16.7512, 6.1583



203.6150, 7.0918, -34.7424

Rectangle

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



210.7120, 16.9040, -8.5174



213.8420, 6.4869, 19.4326



208.9780, -16.7512, 6.1583



205.0870, -5.4659, -20.2473

Sweetspot

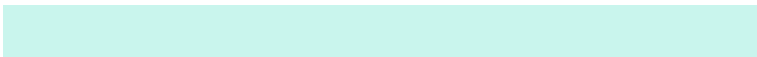
The Sweet Spot groups the original color and five complimentary colors.



210.7120, 16.9040, -8.5174



245.2430, 4.8102, -2.8441



230.9320, 2.9915, -26.2504



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.



210.7120, 16.9040, -8.5174



211.2540, 21.5668, -10.7468



210.2020, 17.1554, 4.2078



112.5420, 4.6628, -2.2293



41.1620, 71.4051, -36.0991



13.1830, 22.5878, -11.5615

Inverse Universe

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



215.0680, -2.9915, 26.2504



216.8840, -3.8868, 33.4277



235.7980, -17.1554, -4.2078



113.8160, -0.8953, 7.1774



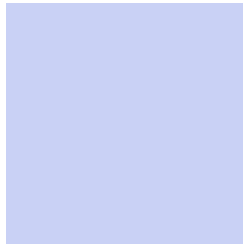
59.4900, -12.5666, 110.9493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 210.7120, 16.9040, -8.5174 looks on a white background.

Color Contrast Check

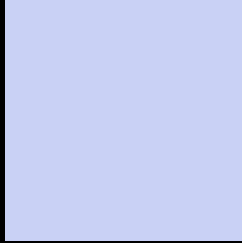
Large Text (above 18pt) WCAG AA × Fail

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 210.7120, 16.9040, -8.5174 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 210.7120, 16.9040, -8.5174 Background



This preview shows how black text looks on a background with the YUV color 210.7120, 16.9040, -8.5174.



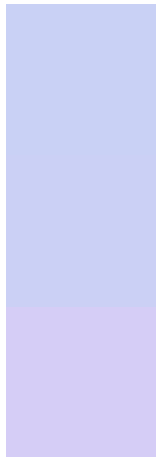
This preview shows how white text looks on a background with the YUV color 210.7120, 16.9040, -8.5174.

-8.5174.

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

210.7120, 16.9040, -8.5174

Protanopia

210.7230, 16.8986, -6.7731

Deuteranopia

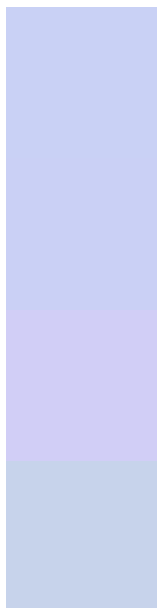
212.0660, 16.7295, 0.8191



Tritanopia

209.7520, 9.4893, -10.3065

Trichromacy



Original Color

210.7120, 16.9040, -8.5174

Protanomaly

210.4240, 17.0460, -7.3878

Deuteranomaly

211.4570, 17.0297, -2.1548

Tritanomaly

210.1480, 12.2520, -9.7768

Monochromacy



Original Color

210.7120, 16.9040, -8.5174

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.5850, 6.1206, -3.1440

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7120, 16.9040, -8.5174 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(201, 209, 245)` looks like.

```
.text, #text, p{  
    color:rgb(201, 209, 245)  
}
```

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(201, 209, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 209, 245) }
```

Border

The CSS property to change the border of an element to YUV 210.7120, 16.9040, -8.5174 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(201, 209, 245) }
```


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

```
.border{ border-color:rgb(201, 209, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 209, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 209, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 209, 245);  
box-shadow:4px 4px 4px 4px rgb(201, 209,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 210.7120, 16.9040, -8.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 209, 245) }
```

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

```
.background{ background-color: rgb(201,  
209, 245) }
```

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