

Converting Colors

YUV(203.8650, -5.8494,
-84.0736)

Have a look what the booklet for
YUV(203.8650, -5.8494, -84.0736)
contains.

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Color

**YUV(203.8650, -5.8494,
-84.0736)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6CFFC0 |
| RGB | 108, 255, 192 |
| RGB Percent | 42%, 100%, 75% |
| CMY | 0.5765, 0.0000, 0.2471 |
| CMYK | 0.58, 0.00, 0.25, 0.00 |
| HSL | 154°, 100%, 71% |
| HSV | 154°, 58%, 100% |
| XYZ | 51.4588, 78.5139, 62.3117 |
| YIQ | 203.8650, -67.3890, -50.7570 |

Conversions

Conversions Part 2

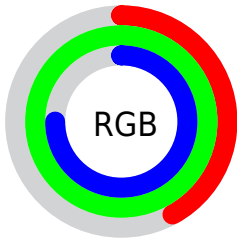
| Format | Color |
|-------------------------------------|---|
| RYB | 108, 202, 255 |
| Decimal | 7143360 |
| CIELab | 91.01, -53.75, 18.46 |
| CIElCh | 91, 56.833, 161.047 |
| Yxy | 78.5139, 0.2676, 0.4083 |
| Android (android.graphics.Color) | 4285333440 (0xFF6CFFC0) |
| YUV | 203.8650, -5.8494, -84.0736 |
| Hunter-Lab | 88.6081, -51.4010, 20.3312 |

Details

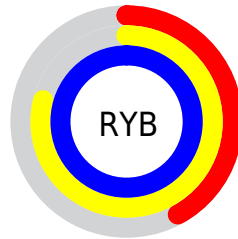
The YUV color **203.8650, -5.8494, -84.0736** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **159.1350, 5.8494, 84.0736**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9010, 9.9088, -51.6562**, and **140.6400, -1.3015, -96.1543** is the 20% darker color. If you saturate the color by 10%, you get **195.1360, -6.9690, -98.3433**, and if you desaturate by 10%, it is **212.8930, -4.8772, -69.1892**.

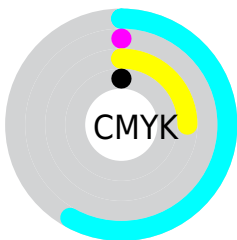
Distribution



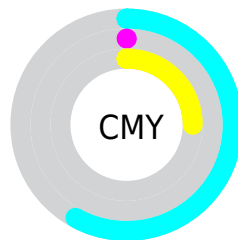
- Red (42%)
- Green (100%)
- Blue (75%)



- Red (42%)
- Yellow (79%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.8650, -5.8494, -84.0736 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 203.8650, -5.8494, -84.0736 by changing the saturation by 10% instead.

 203.8650, -5.8494,
-84.0736

 203.8650, -5.8494,
-84.0736

255.0000, 0.0000,
0.0000

 173.8970, -4.3862,
-86.7327


 228.9010, 9.9088,
-51.6562


 140.6400, -1.3015,
-96.1543


 238.5550, 8.1074,
-33.8127

 112.0850, 0.4511,
-98.2985

 247.8240, 3.5378,
-14.7546

 93.3860, -2.6553,
-81.8995

 75.3880, -5.6143,
-66.1153

 57.6180, -7.6997,
-50.5310

 40.5490, -9.6377,

-35.5615

■ 25.2410, -12.4438,
-22.1364

■ 4.1090, -2.0257,
-3.6036

■ 203.8650, -5.8494,
-84.0736

■ 203.8650, -5.8494,
-84.0736

■ 195.1360, -6.9690,
-98.3433

■ 212.8930, -4.8772,
-69.1892

■ 186.1080, -7.9412,
-113.2277

■ 221.6220, -3.7576,
-54.9195

■ 177.3790, -9.0608,
-127.4974

■ 230.6500, -2.7855,
-40.0351

■ 168.3510,
-10.0330, -142.3818

■ 239.3790, -1.6658,
-25.7654

■ 166.3290,
-10.0222, -145.8705

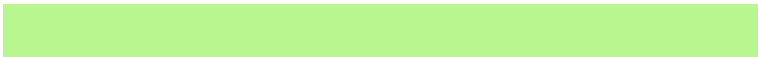
■ 248.4070, -0.6937,
-10.8809

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



216.4210, -35.7036, -28.4332



203.8650, -5.8494, -84.0736



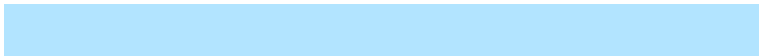
177.9570, 34.5312, -156.0683

Triad

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



203.8650, -5.8494, -84.0736



216.1280, 19.1639, -33.4383



208.9500, -24.1323, 40.3859

Complementary

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



203.8650, -5.8494, -84.0736



159.1350, 5.8494, 84.0736

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.



208.8940, 1.0383, 40.4350



203.8650, -5.8494, -84.0736



226.8240, 13.8908, 24.7104

Square

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



203.8650, -5.8494, -84.0736



182.4530, 35.7657, -131.9473



216.8450, 18.8104, 33.4619



216.2270, -44.4819, 34.0039

Rectangle

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



203.8650, -5.8494, -84.0736



178.7550, 37.5888, -156.7681



216.8450, 18.8104, 33.4619



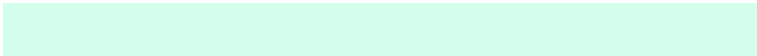
207.8390, -15.6966, 41.3602

Sweetspot

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



203.8650, -5.8494, -84.0736



239.9770, -1.9607, -24.5358



213.4250, -51.9745, -36.3297



118.9720, -0.9722, -14.8844



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.



203.8650, -5.8494, -84.0736



193.8260, -6.8162, -100.7024



205.1770, 24.5627, -85.2242



123.4290, -0.7045, -7.3922



124.5430, -7.6627, -109.2242



41.6720, -2.7963, -36.5463

Inverse Universe

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



159.1350, 5.8494, 84.0736



140.1740, 6.8162, 100.7024



157.8230, -24.5627, 85.2242



119.4570, 0.2677, 7.4922



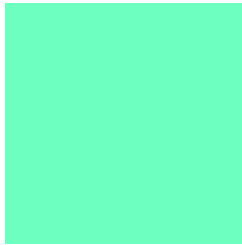
66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 203.8650, -5.8494, -84.0736 looks on a white background.

Color Contrast Check

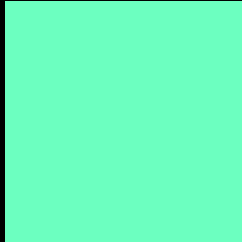
Large Text (above 18pt) WCAG AA × Fail

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 203.8650, -5.8494, -84.0736 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 203.8650, -5.8494, -84.0736

Background



This preview shows how black text looks on a background with the YUV color 203.8650, -5.8494, -84.0736.



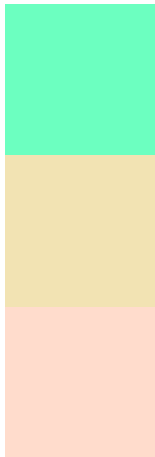
This preview shows how white text looks on a background with the YUV color 203.8650, -5.8494, -84.0736.

-84.0736.

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

203.8650, -5.8494, -84.0736

Protanopia

226.0130, -23.1774, 14.0206

Deuteranopia

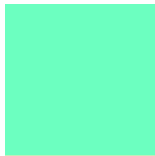
228.6410, -12.1480, 23.1168



Tritanopia

219.5840, 17.4601, -46.9932

Trichromacy



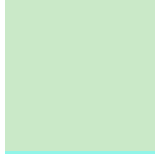
Original Color

203.8650, -5.8494, -84.0736



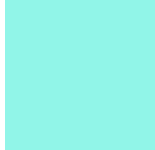
Protanomaly

217.8020, -16.6644, -21.7514



Deuteranomaly

219.9690, -9.8447, -15.7588



Tritanomaly

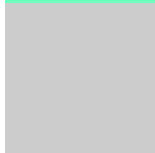
213.6180, 9.0623, -60.1780

Monochromacy



Original Color

203.8650, -5.8494, -84.0736



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.2320, -2.0864, -30.8985

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.8650, -5.8494, -84.0736 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(108, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(108, 255, 192)  
}
```

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(108, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 255, 192) }
```

Border

The CSS property to change the border of an element to YUV 203.8650, -5.8494, -84.0736 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(108, 255, 192) }
```


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

```
.border{ border-color:rgb(108, 255, 192) }
```

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

Here you see how a box with a 4 pixel rgb(108, 255, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(108, 255,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 203.8650, -5.8494, -84.0736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 255, 192) }
```

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

```
.background{ background-color: rgb(108,  
255, 192) }
```

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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