

Converting Colors

YUV(198.4210, 7.6804,
-83.6842)

Have a look what the booklet for
YUV(198.4210, 7.6804, -83.6842)
contains.

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Color

**YUV(198.4210, 7.6804,
-83.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	67F4D6
RGB	103, 244, 214
RGB Percent	40%, 96%, 84%
CMY	0.5961, 0.0431, 0.1608
CMYK	0.58, 0.00, 0.12, 0.04
HSL	167°, 87%, 68%
HSV	167°, 58%, 96%
XYZ	50.0818, 72.4400, 74.9611
YIQ	198.4210, -74.4060, -39.2220

Conversions

Conversions Part 2

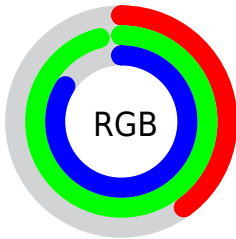
Format	Color
R _Y B	103, 182, 244
Decimal	6812886
CIE Lab	88.18, -45.20, 3.02
CIE LCh	88, 45.305, 176.176
Yxy	72.4400, 0.2536, 0.3668
Android (android.graphics.Color)	4285002966 (0xFF67F4D6)
YUV	198.4210, 7.6804, -83.6842
Hunter-Lab	85.1117, -43.9116, 7.3592

Details

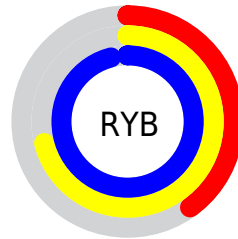
The YUV color **198.4210, 7.6804, -83.6842** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **148.5790, -7.6804, 83.6842**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **134.1740, 12.2392, -99.2536** is the 20% darker color. If you saturate the color by 10%, you get **190.6750, 9.0342, -97.9390**, and if you desaturate by 10%, it is **206.1670, 6.3267, -69.4295**.

Distribution



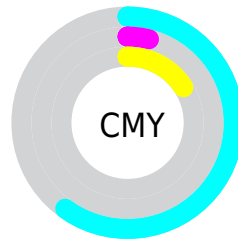
- Red (40%)
- Green (96%)
- Blue (84%)



- Red (40%)
- Yellow (71%)
- Blue (96%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4210, 7.6804, -83.6842 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 198.4210, 7.6804, -83.6842 by changing the saturation by 10% instead.

198.4210, 7.6804,
-83.6842

198.4210, 7.6804,
-83.6842

255.0000, 0.0000,
0.0000

168.0400, 8.8543,
-86.8581

228.0900, 13.2666,
-55.3299

134.1740, 12.2392,
-99.2536

237.0600, 8.8444,
-36.8866

108.4950, 12.0810,
-95.1501

246.3290, 4.2748,
-17.8285

90.3830, 8.6852,
-79.2659

72.3850, 5.7262,
-63.4816

54.5010, 3.2040,
-47.7974

37.9050, 0.5398,

-33.2427

■ 23.2980, -2.1189,
-20.4323

■ 0.0000, 0.0000,
0.0000

■ 198.4210, 7.6804,
-83.6842

■ 198.4210, 7.6804,
-83.6842

■ 190.6750, 9.0342,
-97.9390

■ 206.1670, 6.3267,
-69.4295

■ 182.6300, 10.5354,
-112.8085

■ 214.2120, 4.8255,
-54.5599

■ 174.7700, 11.4524,
-126.9633

■ 222.0720, 3.9085,
-40.4051

■ 166.7250, 12.9536,
-141.8328

■ 230.1170, 2.4073,
-25.5356

■ 165.1160, 13.2538,
-144.8067

■ 237.8630, 1.0535,
-11.2809

■ 245.6090, -0.3002,
2.9739

■ 247.9730, 0.9993,
6.1627

■ 248.5430, 3.1833,
5.6628

Harmonies

Analogous

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



207.7410, -17.6203, -41.8689



198.4210, 7.6804, -83.6842



185.4540, 34.2862, -124.0552

Triad

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



198.4210, 7.6804, -83.6842



218.6960, 17.8979, -0.6104



212.0330, -30.0893, 37.6821

Complementary

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



198.4210, 7.6804, -83.6842



148.5790, -7.6804, 83.6842

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.



208.8650, -11.7654, 40.4604



198.4210, 7.6804, -83.6842



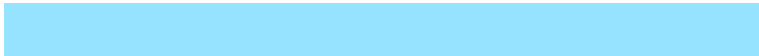
220.9540, 16.7847, 29.8583

Square

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



198.4210, 7.6804, -83.6842



206.8700, 23.7281, -50.7520



212.7070, 8.0324, 37.0910



219.0140, -41.4189, 31.5597

Rectangle

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



198.4210, 7.6804, -83.6842



185.7860, 34.1225, -118.2073



212.7070, 8.0324, 37.0910



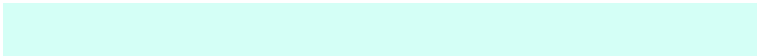
210.2380, -24.2743, 39.2563

Sweetspot

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



198.4210, 7.6804, -83.6842



241.1170, 2.4073, -25.5356



195.0360, -45.3737, -53.5286



119.5420, 1.2118, -15.3843



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.



198.4210, 7.6804, -83.6842



198.1580, 9.7821, -104.5016



178.3610, 32.3600, -66.0916



118.1840, 0.8953, -7.1774



125.9400, 10.3826, -110.4494



39.8770, 3.0186, -34.9721

Inverse Universe

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



148.5790, -7.6804, 83.6842



135.8420, -9.7821, 104.5016



168.6390, -32.3600, 66.0916



113.9300, -0.4585, 7.0774



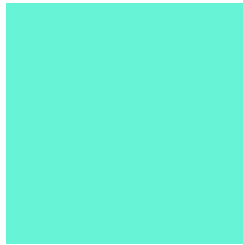
60.1740, -9.9458, 110.3494



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 198.4210, 7.6804, -83.6842 looks on a white background.

Color Contrast Check

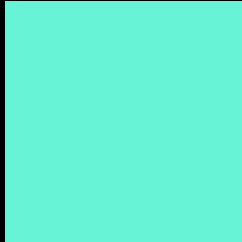
Large Text (above 18pt) WCAG AA × Fail

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 198.4210, 7.6804, -83.6842 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

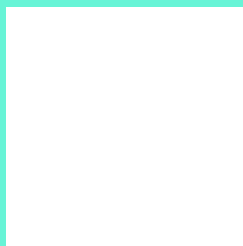
Any Text WCAG AAA ✓ Pass

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

YUV 198.4210, 7.6804, -83.6842 Background



This preview shows how black text looks on a background with the YUV color 198.4210, 7.6804, -83.6842.

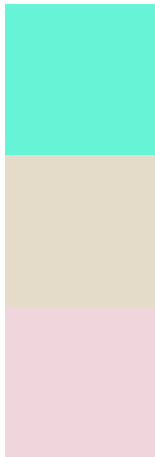


This preview shows how white text looks on a background with the YUV color 198.4210, 7.6804, -83.6842.

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

198.4210, 7.6804, -83.6842

Protanopia

219.5250, -9.6258, 7.4326

Deuteranopia

221.9850, -0.4856, 15.7992



Tritanopia

206.4610, 23.9297, -68.8103

Trichromacy



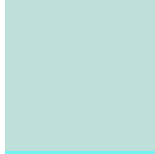
Original Color

198.4210, 7.6804, -83.6842



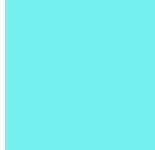
Protanomaly

211.9230, -3.4130, -25.3655



Deuteranomaly

213.1500, 2.3910, -20.3026



Tritanomaly

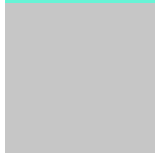
203.8210, 17.8362, -74.3880

Monochromacy



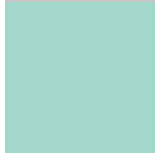
Original Color

198.4210, 7.6804, -83.6842



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.1980, 2.8604, -30.8686

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4210, 7.6804, -83.6842 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(103, 244, 214)` looks like.

```
.text, #text, p{  
    color:rgb(103, 244, 214)  
}
```

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(103, 244, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 244, 214) }
```

Border

The CSS property to change the border of an element to YUV 198.4210, 7.6804, -83.6842 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(103, 244, 214) }
```


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

```
.border{ border-color:rgb(103, 244, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 244, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 244, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 244, 214);  
box-shadow:4px 4px 4px 4px rgb(103, 244,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 198.4210, 7.6804, -83.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 244, 214) }
```

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

```
.background{ background-color: rgb(103,  
244, 214) }
```

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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