

Converting Colors

YUV(192.0800, -8.4204,
-52.6902)

Have a look what the booklet for
YUV(192.0800, -8.4204, -52.6902)
contains.

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Color

**YUV(192.0800, -8.4204,
-52.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	84E2AF
RGB	132, 226, 175
RGB Percent	52%, 89%, 69%
CMY	0.4824, 0.1137, 0.3137
CMYK	0.42, 0.00, 0.23, 0.11
HSL	147°, 62%, 70%
HSV	147°, 42%, 89%
XYZ	44.4499, 62.3934, 50.2578
YIQ	192.0800, -39.6530, -35.7890

Conversions

Conversions Part 2

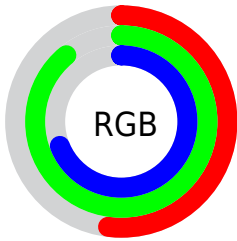
Format	Color
RYB	132, 196, 226
Decimal	8708783
CIELab	83.12, -39.15, 16.34
CIELCh	83, 42.419, 157.350
Yxy	62.3934, 0.2829, 0.3972
Android (android.graphics.Color)	4286898863 (0xFF84E2AF)
YUV	192.0800, -8.4204, -52.6902
Hunter-Lab	78.9895, -37.7839, 17.5688

Details

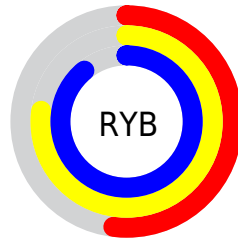
The YUV color **192.0800, -8.4204, -52.6902** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **165.9200, 8.4204, 52.6902**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5300, -0.7543, -38.1758**, and **136.4220, -7.1100, -52.9901** is the 20% darker color. If you saturate the color by 10%, you get **183.8350, -10.2717, -65.6303**, and if you desaturate by 10%, it is **200.3250, -6.5692, -39.7500**.

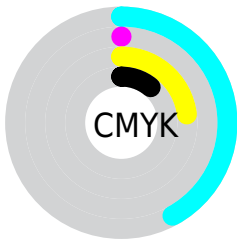
Distribution



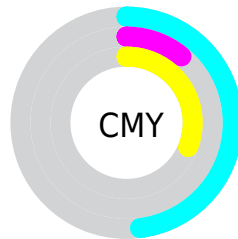
- Red (52%)
- Green (89%)
- Blue (69%)



- Red (52%)
- Yellow (77%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.0800, -8.4204, -52.6902 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 192.0800, -8.4204, -52.6902 by changing the saturation by 10% instead.

■ 192.0800, -8.4204,
-52.6902

■ 192.0800, -8.4204,
-52.6902

255.0000, 0.0000,
0.0000

■ 164.1940, -7.9836,
-52.7901

■ 232.5300, -0.7543,
-38.1758

■ 136.4220, -7.1100,
-52.9901

■ 243.6380, 5.6015,
-23.3615

■ 109.0520, -5.9416,
-54.4196

■ 252.6080, 1.1793,
-4.9182

■ 78.1970, -2.5621,
-65.0708

■ 59.8180, -4.3473,
-52.4604

■ 42.6350, -6.7221,
-37.3909

■ 26.9850, -10.8386,

-23.6658

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 192.0800, -8.4204,
-52.6902

■ 192.0800, -8.4204,
-52.6902

■ 183.8350,
-10.2717, -65.6303

■ 200.3250, -6.5692,
-39.7500

■ 175.7750,
-12.7071, -77.8557

■ 208.3850, -4.1338,
-27.5246

■ 167.5300,
-14.5583, -90.7958

■ 216.6300, -2.2826,
-14.5845

■ 159.5840,
-16.5569, -103.1212

■ 224.5760, -0.2840,
-2.2592

■ 151.3390,
-18.4081, -116.0613

■ 232.8210, 1.5672,
10.6810

■ 144.4040,
-20.4122, -126.6423

■ 237.2930, 5.7716,
15.5290

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



198.8600, -28.0320, -15.6632



192.0800, -8.4204, -52.6902



182.3690, 16.5801, -91.5316

Triad

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



192.0800, -8.4204, -52.6902



200.8000, 26.7206, -30.5196



201.4330, -19.9335, 46.9783

Complementary

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



192.0800, -8.4204, -52.6902



165.9200, 8.4204, 52.6902

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.



202.2430, -1.5988, 46.2679



192.0800, -8.4204, -52.6902



209.6360, 22.3645, 13.4742

Square

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



192.0800, -8.4204, -52.6902



186.9250, 33.5610, -77.9872



209.7380, 14.4262, 39.6948



205.3990, -35.1997, 43.5001

Rectangle

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



192.0800, -8.4204, -52.6902



175.7760, 32.6484, -112.0596



209.7380, 14.4262, 39.6948



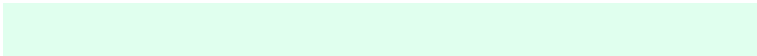
200.9260, -14.2605, 47.4229

Sweetspot

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



192.0800, -8.4204, -52.6902



243.7930, -2.8559, -17.3585



202.7260, -34.8679, -16.4227



121.4780, -1.7147, -10.0662



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.



192.0800, -8.4204, -52.6902



209.1610, -11.4184, -71.1782



197.3240, 11.6723, -57.2891



108.0270, -0.9993, -6.1627



112.4320, -15.9890, -98.6029



30.6840, -4.2812, -26.9099

Inverse Universe

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



165.9200, 8.4204, 52.6902



173.8390, 11.4184, 71.1782



160.6760, -11.6723, 57.2891



104.9730, 0.9993, 6.1627



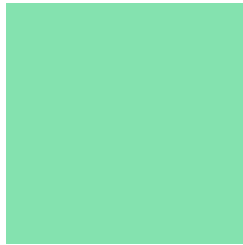
63.4540, 15.5522, 98.7028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 192.0800, -8.4204, -52.6902 looks on a white background.

Color Contrast Check

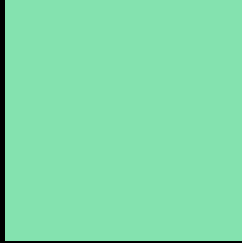
Large Text (above 18pt) WCAG AA × Fail

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 192.0800, -8.4204, -52.6902 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

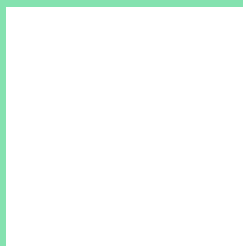
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 192.0800, -8.4204, -52.6902

Background



This preview shows how black text looks on a background with the YUV color 192.0800, -8.4204, -52.6902.



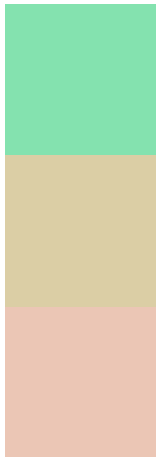
This preview shows how white text looks on a background with the YUV color 192.0800, -8.4204, -52.6902.

-52.6902.

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

192.0800, -8.4204, -52.6902

Protanopia

205.2130, -19.8250, 12.0912

Deuteranopia

207.1250, -12.8796, 24.4464



Tritanopia

198.4100, 18.0389, -45.9636

Trichromacy



Original Color

192.0800, -8.4204, -52.6902



Protanomaly

200.2100, -15.3865, -11.5852



Deuteranomaly

201.7040, -11.1931, -3.2484



Tritanomaly

196.1680, 8.2982, -48.3823

Monochromacy



Original Color

192.0800, -8.4204, -52.6902



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.7820, -2.8505, -19.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.0800, -8.4204, -52.6902 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(132, 226, 175)` looks like.

```
.text, #text, p{  
    color:rgb(132, 226, 175)  
}
```

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(132, 226, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 226, 175) }
```

Border

The CSS property to change the border of an element to YUV 192.0800, -8.4204, -52.6902 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(132, 226, 175) }
```


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

```
.border{ border-color:rgb(132, 226, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 226, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 226, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 226, 175);  
box-shadow:4px 4px 4px 4px rgb(132, 226,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 192.0800, -8.4204, -52.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 226, 175) }
```

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

```
.background{ background-color: rgb(132,  
226, 175) }
```

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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