

Converting Colors

YUV(197.9260, 8.4175,
-86.7581)

Have a look what the booklet for
YUV(197.9260, 8.4175, -86.7581)
contains.

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Color

**YUV(197.9260, 8.4175,
-86.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	63F5D7
RGB	99, 245, 215
RGB Percent	39%, 96%, 84%
CMY	0.6118, 0.0392, 0.1569
CMYK	0.60, 0.00, 0.12, 0.04
HSL	168°, 88%, 67%
HSV	168°, 60%, 96%
XYZ	50.0637, 72.8638, 75.7155
YIQ	197.9260, -77.3860, -40.2820

Conversions

Conversions Part 2

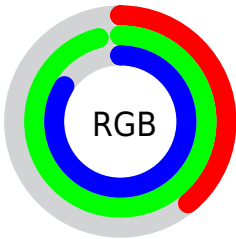
Format	Color
R _Y B	99, 180, 245
Decimal	6550999
CIE Lab	88.38, -46.13, 2.78
CIE LCh	88, 46.210, 176.550
Yxy	72.8638, 0.2520, 0.3668
Android (android.graphics.Color)	4284741079 (0xFF63F5D7)
YUV	197.9260, 8.4175, -86.7581
Hunter-Lab	85.3603, -44.6904, 7.1613

Details

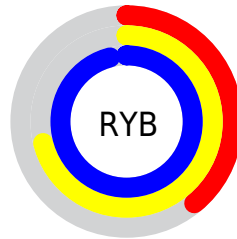
The YUV color **197.9260, 8.4175, -86.7581** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **146.0740, -8.4175, 86.7581**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, 13.7089, -57.1743**, and **128.8950, 15.3348, -112.1639** is the 20% darker color. If you saturate the color by 10%, you get **190.1800, 9.7713, -101.0129**, and if you desaturate by 10%, it is **205.9710, 6.9163, -71.8886**.

Distribution



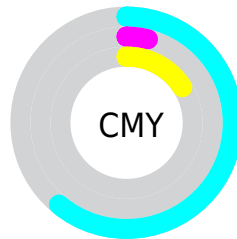
- Red (39%)
- Green (96%)
- Blue (84%)



- Red (39%)
- Yellow (71%)
- Blue (96%)



- Cyan (60%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (61%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.9260, 8.4175, -86.7581 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 197.9260, 8.4175, -86.7581 by changing the saturation by 10% instead.

197.9260, 8.4175,
-86.7581

197.9260, 8.4175,
-86.7581

255.0000, 0.0000,
0.0000

167.2460, 9.7387,
-90.5467

227.1930, 13.7089,
-57.1743

128.8950, 15.3348,
-112.1639

236.1630, 9.2866,
-38.7310

109.1960, 12.2284,
-95.7649

245.4320, 4.7170,
-19.6729

91.0840, 8.8326,
-79.8807

254.7010, 0.1474,
-0.6148

72.4990, 6.1630,
-63.5816

55.2020, 3.3514,
-48.4122

38.6060, 0.6872,

-33.8575

■ 23.2980, -2.1189,
-20.4323

■ 0.0000, 0.0000,
0.0000

■ 197.9260, 8.4175,
-86.7581

■ 197.9260, 8.4175,
-86.7581

■ 190.1800, 9.7713,
-101.0129

■ 205.9710, 6.9163,
-71.8886

■ 182.1350, 11.2724,
-115.8824

■ 213.7170, 5.5625,
-57.6338

■ 174.3890, 12.6262,
-130.1372

■ 221.7620, 4.0613,
-42.7643

■ 166.3440, 14.1274,
-145.0067

■ 229.5080, 2.7076,
-28.5095

■ 166.0450, 14.2748,
-145.6215

■ 237.5530, 1.2064,
-13.6400

■ 245.2990, -0.1474,
0.6148

■ 248.5600, 0.7099,
5.6479

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



208.0290, -17.7623, -42.9984



197.9260, 8.4175, -86.7581



181.8550, 36.0605, -133.1768

Triad

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



197.9260, 8.4175, -86.7581



219.2940, 17.6031, 0.6192



211.9190, -30.5261, 37.7820

Complementary

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



197.9260, 8.4175, -86.7581



146.0740, -8.4175, 86.7581

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



197.9260, 8.4175, -86.7581



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.



197.9260, 8.4175, -86.7581



207.4570, 23.4387, -51.2668



212.7070, 8.0324, 37.0910



218.7860, -42.2925, 31.7597

Rectangle

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



197.9260, 8.4175, -86.7581



182.4970, 35.7440, -124.9699



212.7070, 8.0324, 37.0910



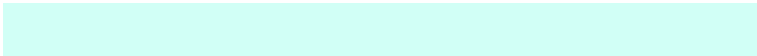
210.1240, -24.7111, 39.3563

Sweetspot

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



197.9260, 8.4175, -86.7581



240.2200, 2.8495, -27.3799



194.2700, -46.9681, -55.4878



118.6450, 1.6540, -17.2287



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.



197.9260, 8.4175, -86.7581



195.6520, 10.5246, -109.3198



177.2790, 33.3865, -68.6507



118.1840, 0.8953, -7.1774



126.0540, 10.8194, -110.5494



39.9910, 3.4554, -35.0721

Inverse Universe

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



146.0740, -8.4175, 86.7581



130.3480, -10.5246, 109.3198



166.7210, -33.3865, 68.6507



113.9300, -0.4585, 7.0774



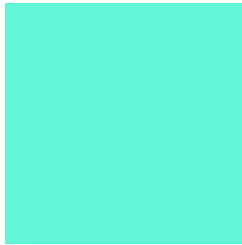
59.9460, -10.8194, 110.5494



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 197.9260, 8.4175, -86.7581 looks on a white background.

Color Contrast Check

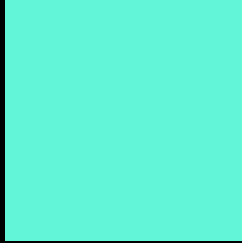
Large Text (above 18pt) WCAG AA × Fail

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 197.9260, 8.4175, -86.7581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

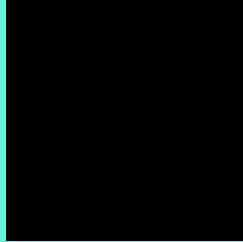
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

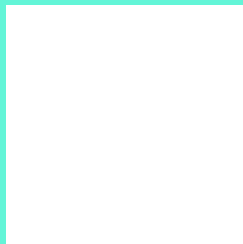
Any Text WCAG AAA ✓ Pass

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

YUV 197.9260, 8.4175, -86.7581 Background



This preview shows how black text looks on a background with the YUV color 197.9260, 8.4175, -86.7581.



This preview shows how white text looks on a background with the YUV color 197.9260, 8.4175,

-86.7581.

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

197.9260, 8.4175, -86.7581

Protanopia

219.6390, -9.1890, 7.3326

Deuteranopia

222.0990, -0.0488, 15.6992



Tritanopia

206.7600, 23.7823, -68.1955

Trichromacy



Original Color

197.9260, 8.4175, -86.7581



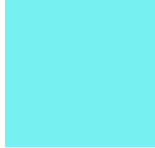
Protanomaly

211.4390, -2.6814, -26.6950



Deuteranomaly

213.5520, 2.6859, -21.5321



Tritanomaly

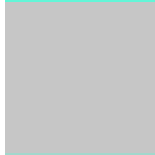
203.5220, 17.9837, -75.0028

Monochromacy



Original Color

197.9260, 8.4175, -86.7581



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.8990, 3.0078, -31.4834

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.9260, 8.4175, -86.7581 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(99, 245, 215)` looks like.

```
.text, #text, p{  
    color:rgb(99, 245, 215)  
}
```

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(99, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 245, 215) }
```

Border

The CSS property to change the border of an element to YUV 197.9260, 8.4175, -86.7581 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(99, 245, 215) }
```


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

```
.border{ border-color:rgb(99, 245, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 245, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 245, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 245, 215);  
box-shadow:4px 4px 4px 4px rgb(99, 245,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 197.9260, 8.4175, -86.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 245, 215) }
```

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

```
.background{ background-color: rgb(99, 245,  
215) }
```

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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