

Converting Colors

YUV(196.5290, -9.6278,
-85.5329)

Have a look what the booklet for
YUV(196.5290, -9.6278, -85.5329)
contains.

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Color

**YUV(196.5290, -9.6278,
-85.5329)**

Conversions

Conversions Part 1

Format	Color
Hex	63FAB1
RGB	99, 250, 177
RGB Percent	39%, 98%, 69%
CMY	0.6118, 0.0196, 0.3059
CMYK	0.60, 0.00, 0.29, 0.02
HSL	151°, 94%, 68%
HSV	151°, 60%, 98%
XYZ	47.2670, 74.1982, 53.4254
YIQ	196.5290, -66.5630, -54.7150

Conversions

Conversions Part 2

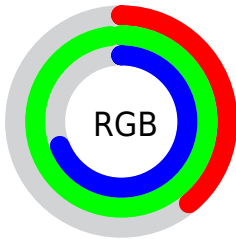
Format	Color
RYB	99, 199, 250
Decimal	6552241
CIELab	89.02, -56.52, 23.32
CIELCh	89, 61.141, 157.583
Yxy	74.1982, 0.2703, 0.4243
Android (android.graphics.Color)	4284742321 (0xFF63FAB1)
YUV	196.5290, -9.6278, -85.5329
Hunter-Lab	86.1384, -52.7932, 23.5235

Details

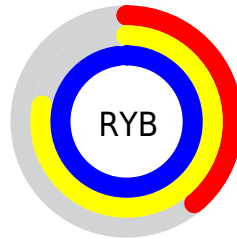
The YUV color **196.5290, -9.6278, -85.5329** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **152.4710, 9.6278, 85.5329**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6850, 4.0993, -54.9747**, and **128.0360, -1.9897, -108.7796** is the 20% darker color. If you saturate the color by 10%, you get **187.6860, -11.1842, -99.7026**, and if you desaturate by 10%, it is **205.3720, -8.0714, -71.3632**.

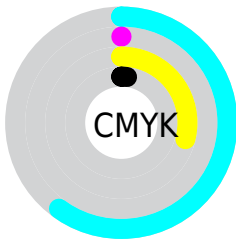
Distribution



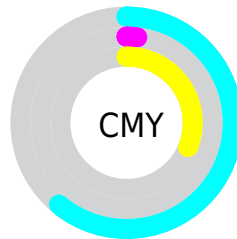
- Red (39%)
- Green (98%)
- Blue (69%)



- Red (39%)
- Yellow (78%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)



- Cyan (61%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5290, -9.6278, -85.5329 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 196.5290, -9.6278, -85.5329 by changing the saturation by 10% instead.

 196.5290, -9.6278,
-85.5329


 196.5290, -9.6278,
-85.5329


255.0000, 0.0000,
0.0000


 165.9630, -7.8698,
-89.4216


 224.6850, 4.0993,
-54.9747

 128.0360, -1.9897,
-108.7796


 236.1630, 9.2866,
-38.7310

 108.1410, -4.5065,
-94.8397

 245.4320, 4.7170,
-19.6729

 88.9690, -6.8867,
-78.0258

254.4020, 0.2948,
-1.2296

 70.9710, -9.8457,
-62.2416

 53.2010, -11.9311,
-46.6573

 35.9040, -14.7427,

-31.4878

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 196.5290, -9.6278,
-85.5329

■ 196.5290, -9.6278,
-85.5329

■ 187.6860,
-11.1842, -99.7026

■ 205.3720, -8.0714,
-71.3632

■ 178.8430,
-12.7406, -113.8723

■ 214.2150, -6.5150,
-57.1936


■ 170.0000,
-14.2970, -128.0420

■ 223.0580, -4.9586,
-43.0239

■ 161.4560,
-16.0008, -141.5969

■ 231.9010, -3.4022,
-28.8542

 240.7440, -1.8458,
-14.6845

 249.7010, 0.1474,
-0.6148

 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



210.4770, -40.6612, -24.9743



196.5290, -9.6278, -85.5329



175.5290, 30.3052, -153.9389

Triad

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



196.5290, -9.6278, -85.5329



206.2940, 24.0121, -48.4928



201.9230, -23.1330, 46.5485

Complementary

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



196.5290, -9.6278, -85.5329



152.4710, 9.6278, 85.5329

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.



202.4370, 4.2216, 46.0978



196.5290, -9.6278, -85.5329



221.7960, 16.3696, 22.9809

Square

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



196.5290, -9.6278, -85.5329



171.1240, 41.3509, -150.0757



212.1490, 21.1255, 37.5803



209.6900, -46.6822, 39.7369

Rectangle

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



196.5290, -9.6278, -85.5329



176.9940, 38.4570, -155.2237



212.1490, 21.1255, 37.5803



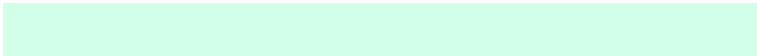
201.0400, -13.8237, 47.3229

Sweetspot

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



196.5290, -9.6278, -85.5329



238.7380, -2.8288, -26.0802



210.3610, -54.9010, -31.0116



117.7330, -1.8404, -16.4288



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.



196.5290, -9.6278, -85.5329



189.8380, -11.7521, -104.2209



204.8510, 22.2585, -92.8313



120.4290, -0.7045, -7.3922



122.0010, -12.3255, -106.9949



39.4550, -3.6753, -34.6020

Inverse Universe

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



152.4710, 9.6278, 85.5329



136.1620, 11.7521, 104.2209



144.1490, -22.2585, 92.8313



116.5710, 0.7045, 7.3922



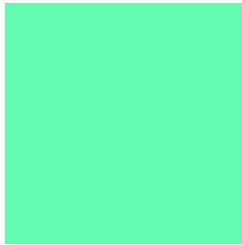
66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 196.5290, -9.6278, -85.5329 looks on a white background.

Color Contrast Check

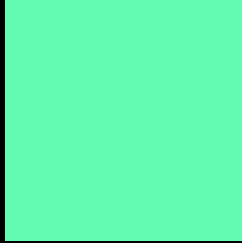
Large Text (above 18pt) WCAG AA × Fail

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 196.5290, -9.6278, -85.5329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

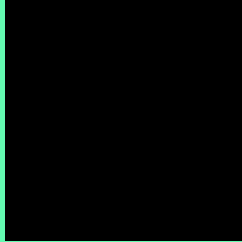
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.5290, -9.6278, -85.5329

Background



This preview shows how black text looks on a background with the YUV color 196.5290, -9.6278, -85.5329.



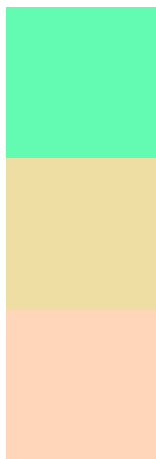
This preview shows how white text looks on a background with the YUV color 196.5290, -9.6278, -85.5329.

-85.5329.

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

196.5290, -9.6278, -85.5329

Protanopia

220.1720, -27.6928, 15.6352

Deuteranopia

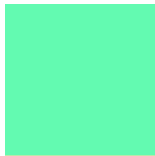
223.0670, -18.2740, 28.0052



Tritanopia

210.9350, 21.7240, -61.3330

Trichromacy



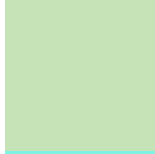
Original Color

196.5290, -9.6278, -85.5329



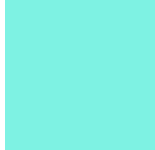
Protanomaly

211.3630, -20.8850, -21.3664



Deuteranomaly

213.3130, -14.9443, -13.4295



Tritanomaly

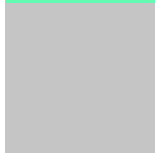
205.6060, 10.5472, -69.8145

Monochromacy



Original Color

196.5290, -9.6278, -85.5329



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.5910, -3.2494, -31.2133

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5290, -9.6278, -85.5329 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, 250, 177)` looks like.

```
.text, #text, p{  
    color:rgb(99, 250, 177)  
}
```

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, 250, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 250, 177) }
```

Border

The CSS property to change the border of an element to YUV 196.5290, -9.6278, -85.5329 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, 250, 177) }
```


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

```
.border{ border-color:rgb(99, 250, 177) }
```

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

Here you see how a box with a 4 pixel rgb(99, 250, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 250, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 250, 177);  
box-shadow:4px 4px 4px 4px rgb(99, 250,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 196.5290, -9.6278, -85.5329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 250, 177) }
```

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

```
.background{ background-color: rgb(99, 250,  
177) }
```

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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