

Converting Colors

YUV(189.8000, 12.9166,
-83.1396)

Have a look what the booklet for
YUV(189.8000, 12.9166, -83.1396)
contains.

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Color

**YUV(189.8000, 12.9166,
-83.1396)**

Conversions

Conversions Part 1

Format	Color
Hex	5FE9D8
RGB	95, 233, 216
RGB Percent	37%, 91%, 85%
CMY	0.6275, 0.0863, 0.1529
CMYK	0.59, 0.00, 0.07, 0.09
HSL	173°, 76%, 64%
HSV	173°, 59%, 91%
XYZ	46.2529, 65.6686, 75.2033
YIQ	189.8000, -76.7910, -34.5430

Conversions

Conversions Part 2

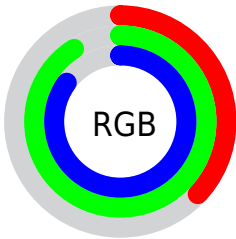
Format	Color
RYB	95, 169, 233
Decimal	6285784
CIELab	84.83, -41.32, -2.95
CIELCh	85, 41.423, 184.083
Yxy	65.6686, 0.2472, 0.3509
Android (android.graphics.Color)	4284475864 (0xFF5FE9D8)
YUV	189.8000, 12.9166, -83.1396
Hunter-Lab	81.0362, -39.9311, 1.7029

Details

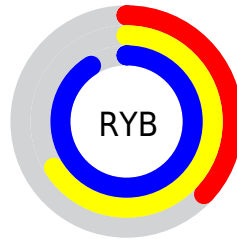
The YUV color **189.8000, 12.9166, -83.1396** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **138.2000, -12.9166, 83.1396**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **122.2530, 19.1023, -107.2159** is the 20% darker color. If you saturate the color by 10%, you get **182.5810, 14.9966, -96.9795**, and if you desaturate by 10%, it is **197.0190, 10.8366, -69.2997**.

Distribution



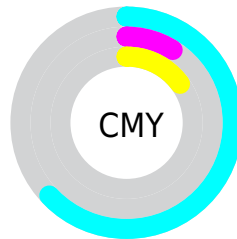
- Red (37%)
- Green (91%)
- Blue (85%)



- Red (37%)
- Yellow (66%)
- Blue (91%)



- Cyan (59%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (63%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8000, 12.9166, -83.1396 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 189.8000, 12.9166, -83.1396 by changing the saturation by 10% instead.

189.8000, 12.9166,
-83.1396

189.8000, 12.9166,
-83.1396

255.0000, 0.0000,
0.0000

159.1200, 14.2378,
-86.9282

225.6980, 14.4459,
-60.2481

122.2530, 19.1023,
-107.2159

234.9670, 9.8763,
-41.1901

102.8530, 15.8485,
-90.2021

243.9370, 5.4541,
-22.7467

84.7410, 12.4527,
-74.3179

253.2060, 0.8844,
-3.6887

66.7430, 9.4937,
-58.5336

49.9190, 5.9559,
-43.7790

33.4370, 3.7286,

-29.3242

■ 17.5420, 1.2118,
-15.3843

■ 0.0000, 0.0000,
0.0000

■ 189.8000, 12.9166,
-83.1396

■ 189.8000, 12.9166,
-83.1396

■ 182.5810, 14.9966,
-96.9795

■ 197.0190, 10.8366,
-69.2997

■ 175.0630, 17.2239,
-111.4343

■ 204.5370, 8.6093,
-54.8449

■ 167.8440, 19.3039,
-125.2742

■ 211.7560, 6.5293,
-41.0050

■ 160.7390, 21.8207,
-139.2141

■ 218.8610, 4.0125,
-27.0651

■ 160.0270, 21.6787,
-140.3437

■ 226.3790, 1.7852,
-12.6104

■ 233.5980, -0.2948,
1.2296

■ 239.9200, -1.9326,
13.2252

■ 240.2620, -0.6222,
12.9252

■ 240.6040, 0.6882,
12.6253

Harmonies

Analogous

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



198.1300, -10.9101, -47.4720



189.8000, 12.9166, -83.1396



183.6890, 34.6633, -104.9673

Triad

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



189.8000, 12.9166, -83.1396



213.4460, 20.4861, 9.2559



208.6590, -32.8629, 40.6411

Complementary

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



189.8000, 12.9166, -83.1396



138.2000, -12.9166, 83.1396

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.



204.8070, -17.1599, 44.0193



189.8000, 12.9166, -83.1396



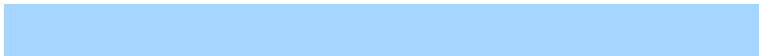
214.1720, 16.1842, 35.8062

Square

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



189.8000, 12.9166, -83.1396



204.0230, 25.1317, -34.2232



206.7910, 0.5960, 42.2793



208.6860, -37.3132, 21.3234

Rectangle

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



189.8000, 12.9166, -83.1396



187.7230, 33.1676, -91.8421



206.7910, 0.5960, 42.2793



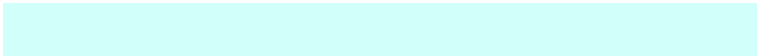
206.6360, -27.9215, 42.4152

Sweetspot

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



189.8000, 12.9166, -83.1396



240.5620, 4.1599, -27.6799



181.3880, -42.5893, -59.9763



118.8730, 2.5276, -17.4286



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.



189.8000, 12.9166, -83.1396



198.3730, 17.0711, -109.0751



161.8010, 35.1011, -58.5845



113.5970, 1.1847, -6.6626



124.3730, 17.0711, -109.0751



37.0560, 4.9024, -32.4981

Inverse Universe

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



138.2000, -12.9166, 83.1396



130.6270, -17.0711, 109.0751



166.1990, -35.1011, 58.5845



109.4030, -1.1847, 6.6626



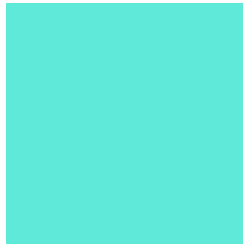
56.6270, -17.0711, 109.0751



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 189.8000, 12.9166, -83.1396 looks on a white background.

Color Contrast Check

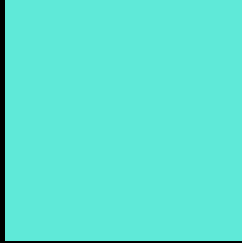
Large Text (above 18pt) WCAG AA × Fail

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 189.8000, 12.9166, -83.1396 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

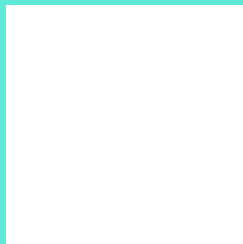
Any Text WCAG AAA ✓ Pass

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

YUV 189.8000, 12.9166, -83.1396 Background



This preview shows how black text looks on a background with the YUV color 189.8000, 12.9166, -83.1396.

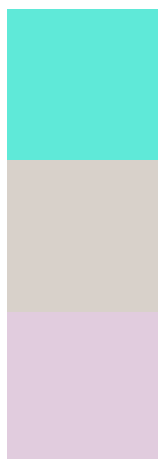


This preview shows how white text looks on a background with the YUV color 189.8000, 12.9166, -83.1396.

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

189.8000, 12.9166, -83.1396

Protanopia

210.2950, -4.0894, 5.0033

Deuteranopia

212.3310, 4.7668, 11.1107



Tritanopia

193.9870, 26.1354, -76.2876

Trichromacy



Original Color

189.8000, 12.9166, -83.1396



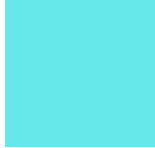
Protanomaly

202.9920, 1.9759, -27.1800



Deuteranomaly

204.5070, 7.6380, -23.2466



Tritanomaly

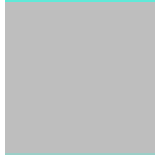
192.7110, 21.3415, -78.6765

Monochromacy



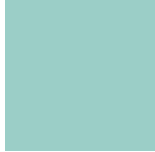
Original Color

189.8000, 12.9166, -83.1396



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.9530, 4.4602, -30.6538

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8000, 12.9166, -83.1396 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(95, 233, 216)` looks like.

```
.text, #text, p{  
    color:rgb(95, 233, 216)  
}
```

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(95, 233, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 233, 216) }
```

Border

The CSS property to change the border of an element to YUV 189.8000, 12.9166, -83.1396 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(95, 233, 216) }
```


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

```
.border{ border-color:rgb(95, 233, 216) }
```

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

Here you see how a box with a 4 pixel rgb(95, 233, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 233, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 233, 216);  
box-shadow:4px 4px 4px 4px rgb(95, 233,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 189.8000, 12.9166, -83.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 233, 216) }
```

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

```
.background{ background-color: rgb(95, 233,  
216) }
```

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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