

Converting Colors

YUV(184.8090, 19.3212,
-84.0245)

Have a look what the booklet for
YUV(184.8090, 19.3212, -84.0245)
contains.

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Color

**YUV(184.8090, 19.3212,
-84.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	59E2E0
RGB	89, 226, 224
RGB Percent	35%, 89%, 88%
CMY	0.6510, 0.1137, 0.1216
CMYK	0.61, 0.00, 0.01, 0.11
HSL	179°, 70%, 62%
HSV	179°, 61%, 89%
XYZ	44.7707, 61.8984, 80.1089
YIQ	184.8090, -81.0100, -29.6660

Conversions

Conversions Part 2

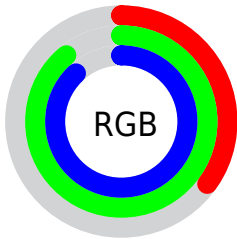
Format	Color
RYB	89, 158, 226
Decimal	5890784
CIELab	82.86, -37.08, -10.11
CIELCh	83, 38.435, 195.243
Yxy	61.8984, 0.2397, 0.3314
Android (android.graphics.Color)	4284080864 (0xFF59E2E0)
YUV	184.8090, 19.3212, -84.0245
Hunter-Lab	78.6755, -36.1058, -5.2974

Details

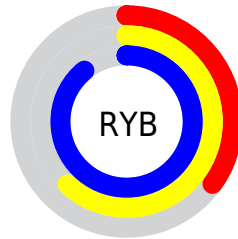
The YUV color **184.8090, 19.3212, -84.0245** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **130.1910, -19.3212, 84.0245**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **119.0560, 24.6224, -104.4121** is the 20% darker color. If you saturate the color by 10%, you get **177.9320, 22.7115, -98.1644**, and if you desaturate by 10%, it is **191.6860, 15.9308, -69.8846**.

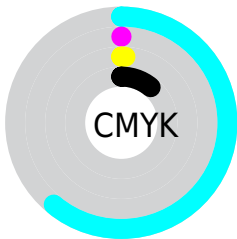
Distribution



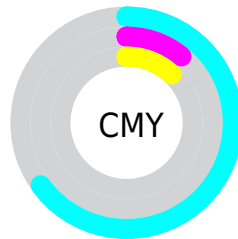
- Red (35%)
- Green (89%)
- Blue (88%)



- Red (35%)
- Yellow (62%)
- Blue (89%)



- Cyan (61%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8090, 19.3212, -84.0245 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 184.8090, 19.3212, -84.0245 by changing the saturation by 10% instead.

184.8090, 19.3212,
-84.0245

184.8090, 19.3212,
-84.0245

255.0000, 0.0000,
0.0000

153.8190, 20.7952,
-90.1723

224.5020, 15.0355,
-62.7073

119.0560, 24.6224,
-104.4121

233.4720, 10.6133,
-44.2639

100.1290, 20.6424,
-87.8131

242.7410, 6.0437,
-25.2059

82.0170, 17.2466,
-71.9289

251.7110, 1.6215,
-6.7625

64.4920, 13.5614,
-56.5595

47.1950, 10.7499,
-41.3900

31.7730, 7.5069,

-27.8649

■ 14.1170, 5.8583,
-12.3806

■ 0.0000, 0.0000,
0.0000

■ 184.8090, 19.3212,
-84.0245

■ 184.8090, 19.3212,
-84.0245

■ 177.9320, 22.7115,
-98.1644

■ 191.6860, 15.9308,
-69.8846

■ 171.2400, 25.5177,
-111.5895

■ 198.3780, 13.1246,
-56.4595

■ 164.3630, 28.9080,
-125.7294

■ 205.2550, 9.7343,
-42.3196

■ 158.0840, 32.0036,
-138.6397

■ 211.8330, 6.4913,
-28.7945

■ 218.8240, 3.5378,
-14.7546

■ 225.7010, 0.1474,
-0.6148

■ 232.2790, -3.0955,
12.9103

■ 234.7850, -3.8380,
17.7286

Harmonies

Analogous

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



191.6650, -2.2998, -55.8342



184.8090, 19.3212, -84.0245



185.0870, 34.4671, -88.6533

Triad

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



184.8090, 19.3212, -84.0245



210.5660, 21.9060, 20.5516



205.6970, -33.8676, 36.2227

Complementary

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



184.8090, 19.3212, -84.0245



130.1910, -19.3212, 84.0245

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.



203.3250, -22.8382, 45.3190



184.8090, 19.3212, -84.0245



208.2560, 8.7478, 40.9945

Square

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



184.8090, 19.3212, -84.0245



203.5460, 25.3668, -16.2648



202.8640, -6.8350, 45.7233



202.1620, -32.6179, 8.6279

Rectangle

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



184.8090, 19.3212, -84.0245



190.2250, 31.9341, -69.4803



202.8640, -6.8350, 45.7233



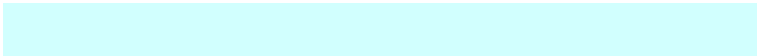
206.3110, -31.7053, 42.7003

Sweetspot

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



184.8090, 19.3212, -84.0245



241.1320, 6.3439, -28.1798



170.0170, -39.9414, -69.2979



119.2150, 3.8380, -17.7286



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.



184.8090, 19.3212, -84.0245



199.0440, 26.1073, -114.0486



146.2950, 39.2946, -50.2477



108.7110, 1.6215, -6.7625



123.0340, 24.6332, -107.9008



33.6480, 7.0755, -29.5093

Inverse Universe

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



130.1910, -19.3212, 84.0245



124.9560, -26.1073, 114.0486



168.7050, -39.2946, 50.2477



104.2890, -1.6215, 6.7625



52.9660, -24.6332, 107.9008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 184.8090, 19.3212, -84.0245 looks on a white background.

Color Contrast Check

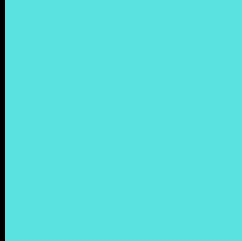
Large Text (above 18pt) WCAG AA × Fail

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 184.8090, 19.3212, -84.0245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

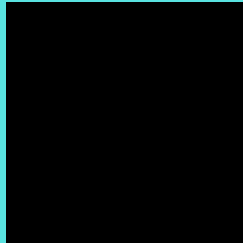
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

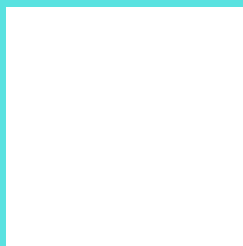
Any Text WCAG AAA ✓ Pass

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

YUV 184.8090, 19.3212, -84.0245 Background



This preview shows how black text looks on a background with the YUV color 184.8090, 19.3212, -84.0245.



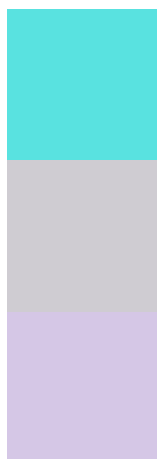
This preview shows how white text looks on a background with the YUV color 184.8090, 19.3212, -84.0245.

-84.0245.

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

184.8090, 19.3212, -84.0245

Protanopia

205.5810, 2.1786, 1.2445

Deuteranopia

206.7200, 11.4770, 5.5076



Tritanopia

187.3780, 26.4356, -79.2615

Trichromacy



Original Color

184.8090, 19.3212, -84.0245



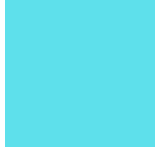
Protanomaly

197.9900, 8.3859, -29.8092



Deuteranomaly

198.9070, 14.3428, -27.1054



Tritanomaly

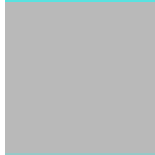
186.3840, 23.9677, -81.0208

Monochromacy



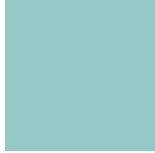
Original Color

184.8090, 19.3212, -84.0245



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.9360, 6.9336, -30.6389

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8090, 19.3212, -84.0245 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(89, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(89, 226, 224)  
}
```

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(89, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 226, 224) }
```

Border

The CSS property to change the border of an element to YUV 184.8090, 19.3212, -84.0245 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(89, 226, 224) }
```


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

```
.border{ border-color:rgb(89, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(89, 226,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 184.8090, 19.3212, -84.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 226, 224) }
```

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

```
.background{ background-color: rgb(89, 226,  
224) }
```

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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