

Converting Colors

YUV(159.9990, 7.8885,
-57.0041)

Have a look what the booklet for
YUV(159.9990, 7.8885, -57.0041)
contains.

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Color

**YUV(159.9990, 7.8885,
-57.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	5FBEB0
RGB	95, 190, 176
RGB Percent	37%, 75%, 69%
CMY	0.6275, 0.2549, 0.3098
CMYK	0.50, 0.00, 0.07, 0.25
HSL	171°, 42%, 56%
HSV	171°, 50%, 75%
XYZ	30.9692, 42.3944, 47.6250
YIQ	159.9990, -52.1260, -24.4940

Conversions

Conversions Part 2

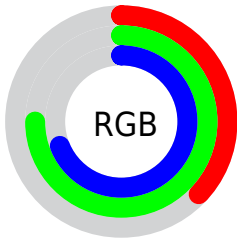
Format	Color
RYB	95, 146, 190
Decimal	6274736
CIELab	71.14, -31.55, -1.57
CIELCh	71, 31.591, 182.853
Yxy	42.3944, 0.2560, 0.3504
Android (android.graphics.Color)	4284464816 (0xFF5FBEB0)
YUV	159.9990, 7.8885, -57.0041
Hunter-Lab	65.1110, -29.0429, 2.2104

Details

The YUV color **159.9990, 7.8885, -57.0041** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **125.0010, -7.8885, 57.0041**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8850, 7.4517, -56.9041**, and **103.5360, 10.0888, -62.7371** is the 20% darker color. If you saturate the color by 10%, you get **153.9760, 9.3788, -68.3850**, and if you desaturate by 10%, it is **166.0220, 6.3982, -45.6233**.

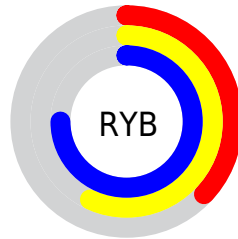
Distribution



Red (37%)

Green (75%)

Blue (69%)



Red (37%)

Yellow (57%)

Blue (75%)

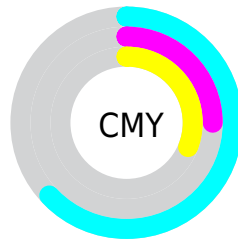


Cyan (50%)

Magenta (0%)

Yellow (7%)

Black (25%)



Cyan (63%)


Magenta (25%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9990, 7.8885, -57.0041 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 159.9990, 7.8885, -57.0041 by changing the saturation by 10% instead.


 159.9990, 7.8885,
-57.0041


 159.9990, 7.8885,
-57.0041


255.0000, 0.0000,
0.0000

 132.4010, 8.1833,
-58.2337

 216.8850, 7.4517,
-56.9041


 103.5360, 10.0888,
-62.7371

 232.5750, 11.0555,
-46.1083


 75.8560, 11.4100,
-66.5257


 241.2460, 6.7807,
-28.2797

 58.4450, 8.1616,
-51.2563

 250.2160, 2.3585,
-9.8364

 42.3220, 4.7713,
-37.1164

 27.0140, 1.9651,
-23.6913

 5.6080, 1.1793,

-4.9182

■ 0.0000, 0.0000,
0.0000

■ 159.9990, 7.8885,
-57.0041

■ 159.9990, 7.8885,
-57.0041

■ 153.9760, 9.3788,
-68.3850

■ 166.0220, 6.3982,
-45.6233

■ 147.9530, 10.8692,
-79.7658

■ 172.0450, 4.9078,
-34.2425

■ 142.0440, 12.7963,
-91.2466

■ 177.9540, 2.9807,
-22.7617

■ 136.0210, 14.2866,
-102.6274

■ 183.9770, 1.4903,
-11.3808

■ 129.9980, 15.7770,
-114.0082

■ 190.0000, 0.0000,
0.0000

■ 196.0230, -1.4903,
11.3808

■ 202.0460, -2.9807,
22.7617

■ 207.9550, -4.9078,
34.2425

■ 210.6890, -4.7767,
38.8607

Harmonies

Analogous

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



165.0870, -8.9169, -33.4023



159.9990, 7.8885, -57.0041



157.8200, 22.7667, -69.1251

Triad

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



159.9990, 7.8885, -57.0041



177.1680, 22.1022, 4.2377



174.4010, -24.8477, 36.4823

Complementary

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



159.9990, 7.8885, -57.0041



125.0010, -7.8885, 57.0041

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.



176.1710, -15.8603, 47.2080



159.9990, 7.8885, -57.0041



178.7600, 10.9643, 30.0285

Square

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



159.9990, 7.8885, -57.0041



171.5060, 29.3305, -27.6308



178.1890, -3.0512, 45.4382



172.1830, -27.6982, 17.3795

Rectangle

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



159.9990, 7.8885, -57.0041



160.4600, 28.8602, -63.5474



178.1890, -3.0512, 45.4382



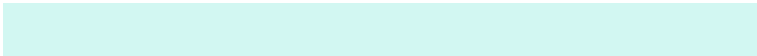
175.0040, -22.6800, 41.2155

Sweetspot

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



159.9990, 7.8885, -57.0041



235.3670, 3.2701, -22.2469



154.9510, -29.5558, -40.2990



117.7810, 2.0800, -13.8399



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.9990, 7.8885, -57.0041



200.2400, 12.2067, -88.7875



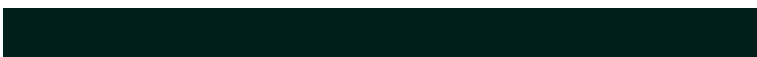
142.2240, 23.5536, -41.4154



91.1950, 0.8899, -5.4330



108.1360, 13.2440, -94.8353



21.1610, 2.3856, -18.5582

Inverse Universe

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



125.0010, -7.8885, 57.0041



145.7600, -12.2067, 88.7875



142.7760, -23.5536, 41.4154



87.8050, -0.8899, 5.4330



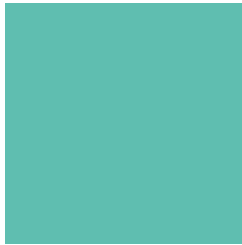
49.8640, -13.2440, 94.8353



9.8390, -2.3856, 18.5582

Previews

White Background



This preview shows how the YUV color 159.9990, 7.8885, -57.0041 looks on a white background.

Color Contrast Check

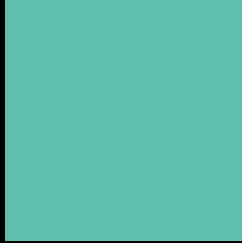
Large Text (above 18pt) WCAG AA × Fail

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 159.9990, 7.8885, -57.0041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

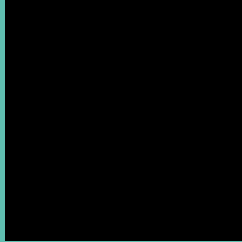
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9990, 7.8885, -57.0041

Background



This preview shows how black text looks on a background with the YUV color 159.9990, 7.8885, -57.0041.



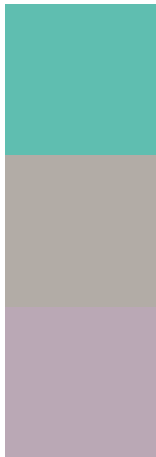
This preview shows how white text looks on a background with the YUV color 159.9990, 7.8885, -57.0041.

-57.0041.

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

159.9990, 7.8885, -57.0041

Protanopia

173.1100, -3.5052, 4.2885

Deuteranopia

174.8640, 3.0250, 9.7663



Tritanopia

162.8930, 18.7868, -52.5262

Trichromacy



Original Color

159.9990, 7.8885, -57.0041

Protanomaly

168.7050, 0.6384, -18.1583

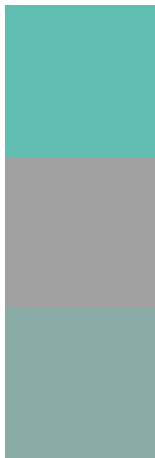
Deuteranomaly

169.4650, 4.7008, -14.4398

Tritanomaly

161.5570, 15.0084, -53.9855

Monochromacy



Original Color

159.9990, 7.8885, -57.0041

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9650, 2.9753, -21.0173

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9990, 7.8885, -57.0041 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, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(95, 190, 176)  
}
```

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, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 190, 176) }
```

Border

The CSS property to change the border of an element to YUV 159.9990, 7.8885, -57.0041 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, 190, 176) }
```


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

```
.border{ border-color:rgb(95, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(95, 190,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 159.9990, 7.8885, -57.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 190, 176) }
```

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

```
.background{ background-color: rgb(95, 190,  
176) }
```

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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