

Converting Colors

YUV(173.8990, -3.8942,
-57.7934)

Have a look what the booklet for
YUV(173.8990, -3.8942, -57.7934)
contains.

YUV(173.8990, -3.8942, -57.7934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.8990, -3.8942,
-57.7934)**

Conversions

Conversions Part 1

Format	Color
Hex	6CD1A6
RGB	108, 209, 166
RGB Percent	42%, 82%, 65%
CMY	0.5765, 0.1804, 0.3490
CMYK	0.48, 0.00, 0.21, 0.18
HSL	154°, 52%, 62%
HSV	154°, 48%, 82%
XYZ	35.8677, 51.5422, 44.1346
YIQ	173.8990, -46.3930, -34.7850

Conversions

Conversions Part 2

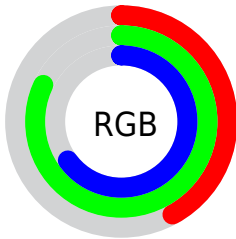
Format	Color
RYB	108, 172, 209
Decimal	7131558
CIELab	77.01, -39.57, 12.34
CIELCh	77, 41.449, 162.677
Yxy	51.5422, 0.2727, 0.3918
Android (android.graphics.Color)	4285321638 (0xFF6CD1A6)
YUV	173.8990, -3.8942, -57.7934
Hunter-Lab	71.7929, -36.4590, 13.8066

Details

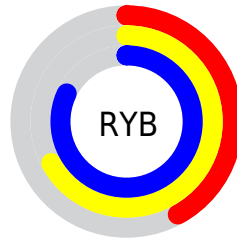
The YUV color **173.8990, -3.8942, -57.7934** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.1010, 3.8942, 57.7934**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2140, -1.5845, -51.9307**, and **118.0450, -1.9942, -60.5525** is the 20% darker color. If you saturate the color by 10%, you get **166.5940, -4.7298, -69.8039**, and if you desaturate by 10%, it is **181.2040, -3.0586, -45.7829**.

Distribution



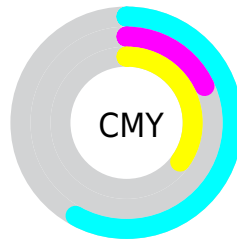
- Red (42%)
- Green (82%)
- Blue (65%)



- Red (42%)
- Yellow (67%)
- Blue (82%)



- Cyan (48%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8990, -3.8942, -57.7934 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 173.8990, -3.8942, -57.7934 by changing the saturation by 10% instead.

■ 173.8990, -3.8942,
-57.7934

■ 173.8990, -3.8942,
-57.7934

255.0000, 0.0000,
0.0000

■ 145.8280, -2.8732,
-58.6082

■ 224.2140, -1.5845,
-51.9307

■ 118.0450, -1.9942,
-60.5525

■ 236.1910, 6.8078,
-37.0015

■ 85.5920, 1.6801,
-72.4332

■ 245.4320, 4.7170,
-19.6729

■ 67.3980, -0.6892,
-59.1080

254.1030, 0.4422,
-1.8443

■ 50.2150, -3.0640,
-44.0386

■ 33.7330, -5.2914,
-29.5838

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 173.8990, -3.8942,
-57.7934

■ 173.8990, -3.8942,
-57.7934

■ 166.5940, -4.7298,
-69.8039

■ 181.2040, -3.0586,
-45.7829

■ 159.2890, -5.5655,
-81.8145

■ 188.5090, -2.2229,
-33.7724

■ 151.9840, -6.4011,
-93.8250

■ 195.8140, -1.3873,
-21.7619


■ 144.6790, -7.2367,
-105.8355


■ 203.1190, -0.5517,
-9.7514

■ 137.7870, -7.7830,
-117.3312

■ 210.3100, -0.1528,
2.3591

 136.3630, -8.0670,
-119.5904

 217.3160, 0.8302,
13.7549

 224.6210, 1.6658,
25.7654

 225.9460, 5.4496,
25.4804

 226.9720, 9.3808,
24.5806

Harmonies

Analogous

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



181.1520, -24.2319, -21.1813



173.8990, -3.8942, -57.7934



162.2910, 21.5485, -98.4792

Triad

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



173.8990, -3.8942, -57.7934



187.5650, 33.2455, -23.2975



190.2340, -24.7654, 56.7998

Complementary

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



173.8990, -3.8942, -57.7934



143.1010, 3.8942, 57.7934

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.



190.1150, -7.4517, 56.9041



173.8990, -3.8942, -57.7934



194.5810, 25.8426, 17.9075

Square

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



173.8990, -3.8942, -57.7934



174.5760, 39.6490, -70.6652



195.1260, 9.3049, 49.0015



189.2630, -35.6257, 40.1113

Rectangle

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



173.8990, -3.8942, -57.7934



150.6970, 39.0964, -126.8993



195.1260, 9.3049, 49.0015



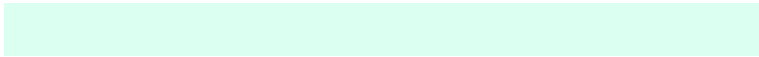
189.7270, -19.0924, 57.2444

Sweetspot

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



173.8990, -3.8942, -57.7934



242.5260, -1.2453, -20.6323



180.4430, -35.7144, -24.9445



120.2820, -1.1250, -12.5253



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.



173.8990, -3.8942, -57.7934



203.5660, -5.7020, -84.6884



174.6920, 16.9138, -58.4889



101.1410, -0.5625, -6.2627



109.6740, -6.2483, -96.1841



26.6890, -1.8187, -23.4063

Inverse Universe

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



143.1010, 3.8942, 57.7934



158.4340, 5.7020, 84.6884



142.3080, -16.9138, 58.4889



97.8590, 0.5625, 6.2627



58.4400, 6.6851, 96.0841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 173.8990, -3.8942, -57.7934 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 173.8990, -3.8942, -57.7934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

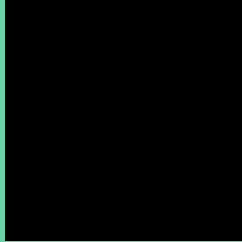
Any Text WCAG AA ✓ Pass

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 173.8990, -3.8942, -57.7934 Background



This preview shows how black text looks on a background with the YUV color 173.8990, -3.8942, -57.7934.



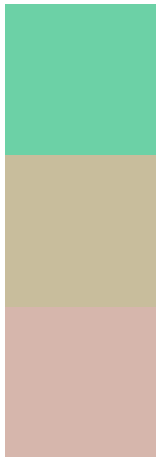
This preview shows how white text looks on a background with the YUV color 173.8990, -3.8942, -57.7934.

-57.7934.

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

173.8990, -3.8942, -57.7934

Protanopia

188.5270, -16.0358, 10.0618

Deuteranopia

190.4280, -9.0850, 20.6726



Tritanopia

179.9040, 18.7813, -50.7818

Trichromacy



Original Color

173.8990, -3.8942, -57.7934



Protanomaly

183.2250, -11.4499, -14.2293



Deuteranomaly

184.4090, -7.1036, -8.2517



Tritanomaly

178.0040, 10.3510, -53.5005

Monochromacy



Original Color

173.8990, -3.8942, -57.7934



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.1130, -1.5347, -21.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8990, -3.8942, -57.7934 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(108, 209, 166)` looks like.

```
.text, #text, p{  
    color:rgb(108, 209, 166)  
}
```

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(108, 209, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 209, 166) }
```

Border

The CSS property to change the border of an element to YUV 173.8990, -3.8942, -57.7934 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(108, 209, 166) }
```


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

```
.border{ border-color:rgb(108, 209, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 209, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 209, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 209, 166);  
box-shadow:4px 4px 4px 4px rgb(108, 209,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 173.8990, -3.8942, -57.7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 209, 166) }
```

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

```
.background{ background-color: rgb(108,  
209, 166) }
```

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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