

Converting Colors

YUV(173.4980, 11.0935,
-58.3187)

Have a look what the booklet for
YUV(173.4980, 11.0935, -58.3187)
contains.

YUV(173.4980, 11.0935, -58.3187)	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(173.4980, 11.0935,
-58.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	6BCBC4
RGB	107, 203, 196
RGB Percent	42%, 80%, 77%
CMY	0.5804, 0.2039, 0.2314
CMYK	0.47, 0.00, 0.03, 0.20
HSL	176°, 48%, 61%
HSV	176°, 47%, 80%
XYZ	37.3831, 49.8232, 59.8711
YIQ	173.4980, -54.9690, -22.5290

Conversions

Conversions Part 2

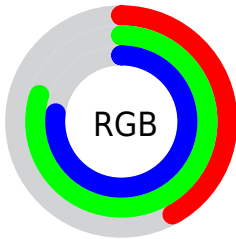
Format	Color
RYB	107, 157, 203
Decimal	7064516
CIELab	75.96, -30.04, -5.30
CIElCh	76, 30.507, 190.001
Yxy	49.8232, 0.2542, 0.3388
Android (android.graphics.Color)	4285254596 (0xFF6BCBC4)
YUV	173.4980, 11.0935, -58.3187
Hunter-Lab	70.5855, -28.9885, -0.8803

Details

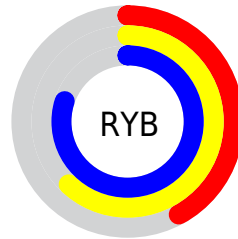
The YUV color **173.4980, 11.0935, -58.3187** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **136.5020, -11.0935, 58.3187**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5630, 12.5404, -55.7448**, and **116.8180, 12.4147, -62.1074** is the 20% darker color. If you saturate the color by 10%, you get **167.4040, 13.6048, -70.5143**, and if you desaturate by 10%, it is **179.5920, 8.5821, -46.1232**.

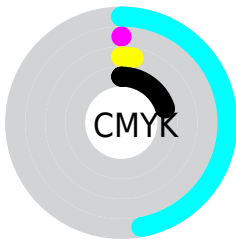
Distribution



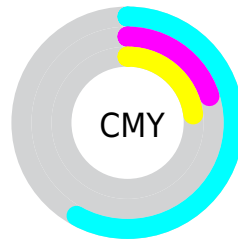
- Red (42%)
- Green (80%)
- Blue (77%)



- Red (42%)
- Yellow (62%)
- Blue (80%)



- Cyan (47%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (58%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4980, 11.0935, -58.3187 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 173.4980, 11.0935, -58.3187 by changing the saturation by 10% instead.

■ 173.4980, 11.0935,
-58.3187

■ 173.4980, 11.0935,
-58.3187

■ 255.0000, 0.0000,
0.0000

■ 145.3130, 11.6777,
-59.0335

■ 227.5630, 12.5404,
-55.7448

■ 116.8180, 12.4147,
-62.1074

■ 236.4620, 9.1392,
-38.1162

■ 84.9520, 15.7997,
-74.5029

■ 245.1330, 4.8644,
-20.2876

■ 67.4270, 12.1145,
-59.1335

■ 254.1030, 0.4422,
-1.8443

■ 50.7170, 9.0135,
-44.4788

■ 34.1210, 6.3493,
-29.9241

■ 20.5740, 2.6750,

-18.0434

■ 0.0000, 0.0000,
0.0000

■ 173.4980, 11.0935,
-58.3187

■ 173.4980, 11.0935,
-58.3187

■ 167.4040, 13.6048,
-70.5143

■ 179.5920, 8.5821,
-46.1232

■ 160.8970, 15.8268,
-83.2247

■ 186.0990, 6.3602,
-33.4128

■ 154.8030, 18.3381,
-95.4202

■ 192.1930, 3.8489,
-21.2173

■ 148.5950, 20.4127,
-107.5158

■ 198.4010, 1.7743,
-9.1217

■ 142.5010, 22.9240,
-119.7114

■ 204.7940, -0.8844,
3.6887

■ 140.5930, 23.3717,
-123.3001

■ 211.0020, -2.9590,
15.7842

■ 217.0960, -5.4703,
27.9798

■ 219.1180, -5.4812,
31.4685

■ 219.2320, -5.0444,
31.3685

Harmonies

Analogous

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



177.0910, -4.9749, -37.7908



173.4980, 11.0935, -58.3187



173.4940, 23.9135, -63.5772

Triad

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



173.4980, 11.0935, -58.3187



190.8160, 19.3177, 10.6854



187.4390, -25.8524, 32.0640

Complementary

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



173.4980, 11.0935, -58.3187



136.5020, -11.0935, 58.3187

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.



189.4650, -18.4702, 44.3192



173.4980, 11.0935, -58.3187



191.8700, 7.4591, 34.3170

Square

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



173.4980, 11.0935, -58.3187



186.6920, 27.2668, -19.0239



190.8040, -5.8194, 46.6529



185.1930, -26.2241, 11.2317

Rectangle

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



173.4980, 11.0935, -58.3187



177.1020, 28.5437, -55.3405



190.8040, -5.8194, 46.6529



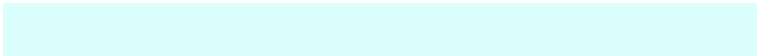
188.2270, -24.2689, 37.5119

Sweetspot

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



173.4980, 11.0935, -58.3187



243.8940, 3.9963, -21.8320



165.7440, -28.9608, -44.5025



121.1940, 2.3694, -13.3251



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.



173.4980, 11.0935, -58.3187



210.3910, 16.5692, -88.0429



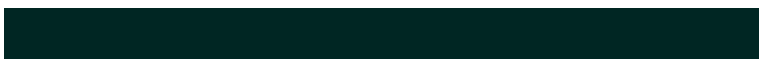
150.8160, 25.7267, -38.4266



98.8960, 1.0373, -6.0478



114.9980, 19.2280, -100.8532



26.2960, 4.2911, -23.0616

Inverse Universe

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



136.5020, -11.0935, 58.3187



154.4950, -17.0060, 88.1429



159.1840, -25.7267, 38.4266



95.1040, -1.0373, 6.0478



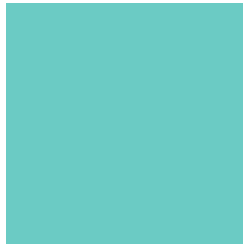
51.0020, -19.2280, 100.8532



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 173.4980, 11.0935, -58.3187 looks on a white background.

Color Contrast Check

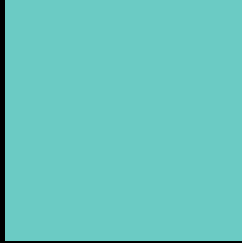
Large Text (above 18pt) WCAG AA × Fail

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 173.4980, 11.0935, -58.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

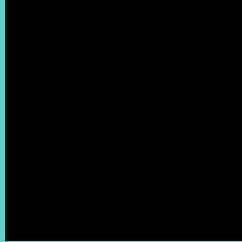
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4980, 11.0935, -58.3187

Background



This preview shows how black text looks on a background with the YUV color 173.4980, 11.0935, -58.3187.



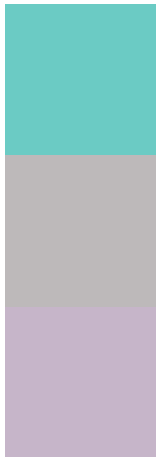
This preview shows how white text looks on a background with the YUV color 173.4980, 11.0935, -58.3187.

-58.3187.

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

173.4980, 11.0935, -58.3187

Protanopia

186.3100, -0.1528, 2.3591

Deuteranopia

188.3630, 6.2300, 8.4516



Tritanopia

175.8110, 19.8132, -55.0852

Trichromacy



Original Color

173.4980, 11.0935, -58.3187

Protanomaly

181.9050, 3.9908, -20.0877

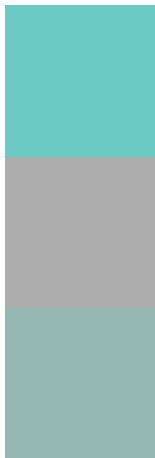
Deuteranomaly

182.9640, 7.9057, -15.7544

Tritanomaly

175.0020, 16.7610, -56.1298

Monochromacy



Original Color

173.4980, 11.0935, -58.3187

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1930, 3.8489, -21.2173

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4980, 11.0935, -58.3187 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(107, 203, 196)` looks like.

```
.text, #text, p{  
    color:rgb(107, 203, 196)  
}
```

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(107, 203, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 203, 196) }
```

Border

The CSS property to change the border of an element to YUV 173.4980, 11.0935, -58.3187 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(107, 203, 196) }
```


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

```
.border{ border-color:rgb(107, 203, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 203, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 203, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 203, 196); box-shadow:4px 4px 4px 4px rgb(107, 203, 196) }
```

Background

The CSS property to change the background color of an element to YUV 173.4980, 11.0935, -58.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 203, 196) }
```

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

```
.background{ background-color: rgb(107,  
203, 196) }
```

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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