

Converting Colors

YUV(148.2610, 3.8153,
-57.2339)

Have a look what the booklet for
YUV(148.2610, 3.8153, -57.2339)
contains.

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Color

**YUV(148.2610, 3.8153,
-57.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	53B49C
RGB	83, 180, 156
RGB Percent	33%, 71%, 61%
CMY	0.6745, 0.2941, 0.3882
CMYK	0.54, 0.00, 0.13, 0.29
HSL	165°, 39%, 52%
HSV	165°, 54%, 71%
XYZ	25.8893, 36.8818, 37.2069
YIQ	148.2610, -50.1080, -28.0280

Conversions

Conversions Part 2

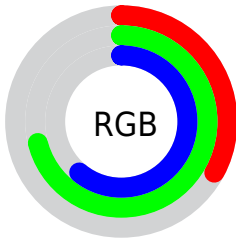
Format	Color
RYB	83, 138, 180
Decimal	5485724
CIELab	67.19, -34.46, 3.60
CIELCh	67, 34.644, 174.030
Yxy	36.8818, 0.2589, 0.3689
Android (android.graphics.Color)	4283675804 (0xFF53B49C)
YUV	148.2610, 3.8153, -57.2339
Hunter-Lab	60.7304, -30.1839, 6.1869

Details

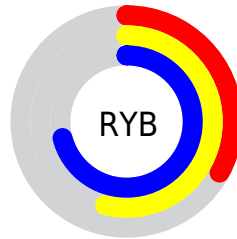
The YUV color **148.2610, 3.8153, -57.2339** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **114.7390, -3.8153, 57.2339**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3320, 2.7943, -56.4192**, and **90.4060, 7.1948, -67.8851** is the 20% darker color. If you saturate the color by 10%, you get **142.4230, 4.7215, -67.9000**, and if you desaturate by 10%, it is **154.0990, 2.9092, -46.5678**.

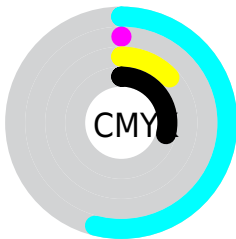
Distribution



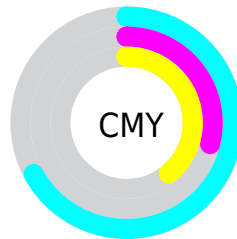
- Red (33%)
- Green (71%)
- Blue (61%)



- Red (33%)
- Yellow (54%)
- Blue (71%)



- Cyan (54%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.2610, 3.8153, -57.2339 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 148.2610, 3.8153, -57.2339 by changing the saturation by 10% instead.

■ 148.2610, 3.8153,
-57.2339

■ 148.2610, 3.8153,
-57.2339

■ 255.0000, 0.0000,
0.0000

■ 120.4780, 4.6943,
-59.1782

■ 204.3320, 2.7943,
-56.4192

■ 90.4060, 7.1948,
-67.8851

■ 227.1630, 5.8356,
-51.8860

■ 68.5210, 6.1521,
-60.0929

■ 237.6580, 8.5496,
-35.6571

■ 51.2240, 3.3406,
-44.9234

■ 246.3290, 4.2748,
-17.8285

■ 35.2150, 0.3870,
-30.8836

■ 21.0810, -2.9979,
-18.4880

■ 0.0000, 0.0000,

0.0000

■ 148.2610, 3.8153,
-57.2339

■ 148.2610, 3.8153,
-57.2339

■ 142.4230, 4.7215,
-67.9000

■ 154.0990, 2.9092,
-46.5678

■ 136.4710, 5.1908,
-78.4661

■ 160.0510, 2.4399,
-36.0017

■ 130.6330, 6.0969,
-89.1321

■ 165.8890, 1.5337,
-25.3357

■ 124.6810, 6.5663,
-99.6982

■ 171.8410, 1.0644,
-14.7696

■ 121.0500, 6.8774,
-106.1608

■ 177.6790, 0.1583,
-4.1035

■ 183.6310, -0.3111,
6.4626

■ 189.4690, -1.2172,
17.1287

■ 195.4210, -1.6866,
27.6948

■ 201.2590, -2.5927,
38.3609

Harmonies

Analogous

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



154.1540, -13.8799, -28.1991



148.2610, 3.8153, -57.2339



141.1450, 23.0995, -82.5652

Triad

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



148.2610, 3.8153, -57.2339



165.3670, 26.9341, -5.5839



164.4450, -24.8694, 43.4597

Complementary

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



148.2610, 3.8153, -57.2339



114.7390, -3.8153, 57.2339

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.



166.0020, -12.8190, 51.7412



148.2610, 3.8153, -57.2339



168.1060, 16.2167, 25.3400

Square

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



148.2610, 3.8153, -57.2339



156.8570, 33.5945, -41.9706



167.4540, 1.7482, 46.0828



162.2440, -30.1933, 24.3420

Rectangle

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



148.2610, 3.8153, -57.2339



142.3220, 31.3933, -82.7204



167.4540, 1.7482, 46.0828



165.0910, -21.2439, 47.2782

Sweetspot

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



148.2610, 3.8153, -57.2339



222.4980, 1.2335, -22.3617



147.1150, -31.6087, -35.1809



109.8520, 1.0590, -13.0252



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



148.2610, 3.8153, -57.2339



184.9210, 5.9549, -90.2617



136.9090, 21.2439, -47.2782



86.0810, 0.4531, -5.3330



102.9210, 5.9549, -90.2617



17.4280, 0.7750, -15.2844

Inverse Universe

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



114.7390, -3.8153, 57.2339



132.0790, -5.9549, 90.2617



126.0910, -21.2439, 47.2782



83.0330, -0.0163, 5.2331



50.0790, -5.9549, 90.2617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 148.2610, 3.8153, -57.2339 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 148.2610, 3.8153, -57.2339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

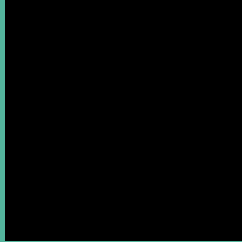
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.2610, 3.8153, -57.2339

Background



This preview shows how black text looks on a background with the YUV color 148.2610, 3.8153, -57.2339.



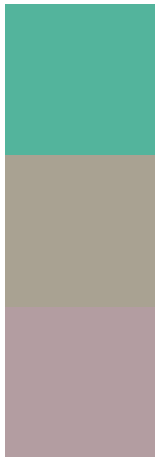
This preview shows how white text looks on a background with the YUV color 148.2610, 3.8153,

-57.2339.

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

148.2610, 3.8153, -57.2339

Protanopia

162.2690, -8.0206, 5.9031

Deuteranopia

164.0340, -1.4958, 13.1252



Tritanopia

152.3770, 18.0551, -51.1966

Trichromacy



Original Color

148.2610, 3.8153, -57.2339

Protanomaly

157.5650, -3.7295, -17.1585

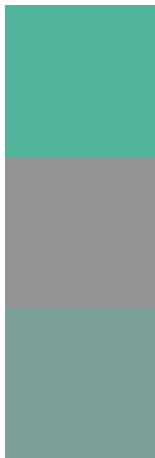
Deuteranomaly

158.0370, 0.4748, -12.3104

Tritanomaly

150.9870, 12.8244, -53.4856

Monochromacy



Original Color

148.2610, 3.8153, -57.2339

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2100, 1.3755, -21.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2610, 3.8153, -57.2339 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(83, 180, 156)` looks like.

```
.text, #text, p{  
    color:rgb(83, 180, 156)  
}
```

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(83, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 180, 156) }
```

Border

The CSS property to change the border of an element to YUV 148.2610, 3.8153, -57.2339 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(83, 180, 156) }
```


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

```
.border{ border-color:rgb(83, 180, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 180, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(83, 180,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 148.2610, 3.8153, -57.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 180, 156) }
```

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

```
.background{ background-color: rgb(83, 180,  
156) }
```

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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