

Converting Colors

YUV(148.2940, 3.7991,
-52.0008)

Have a look what the booklet for
YUV(148.2940, 3.7991, -52.0008)
contains.

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Color

**YUV(148.2940, 3.7991,
-52.0008)**

Conversions

Conversions Part 1

Format	Color
Hex	59B19C
RGB	89, 177, 156
RGB Percent	35%, 69%, 61%
CMY	0.6510, 0.3059, 0.3882
CMYK	0.50, 0.00, 0.12, 0.31
HSL	166°, 36%, 52%
HSV	166°, 50%, 69%
XYZ	25.8427, 35.9684, 37.0330
YIQ	148.2940, -45.7070, -25.1870

Conversions

Conversions Part 2

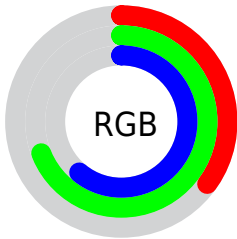
Format	Color
RYB	89, 139, 177
Decimal	5878172
CIELab	66.50, -31.67, 2.63
CIElCh	66, 31.775, 175.257
Yxy	35.9684, 0.2614, 0.3639
Android (android.graphics.Color)	4284068252 (0xFF59B19C)
YUV	148.2940, 3.7991, -52.0008
Hunter-Lab	59.9737, -28.0381, 5.3707

Details

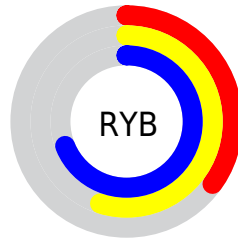
The YUV color **148.2940, 3.7991, -52.0008** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **117.7060, -3.7991, 52.0008**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0660, 2.9255, -51.8009**, and **93.1300, 5.8519, -57.1190** is the 20% darker color. If you saturate the color by 10%, you get **142.4560, 4.7052, -62.6669**, and if you desaturate by 10%, it is **154.1320, 2.8929, -41.3348**.

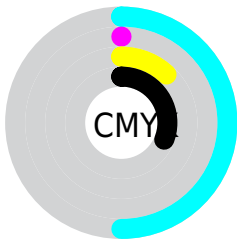
Distribution



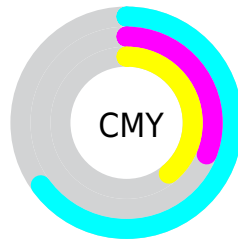
- Red (35%)
- Green (69%)
- Blue (61%)



- Red (35%)
- Yellow (55%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.2940, 3.7991, -52.0008 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 148.2940, 3.7991, -52.0008 by changing the saturation by 10% instead.


 148.2940, 3.7991,
-52.0008

 148.2940, 3.7991,
-52.0008

255.0000, 0.0000,
0.0000

 121.1090, 4.3833,
-52.7156


 204.0660, 2.9255,
-51.8009

 93.1300, 5.8519,
-57.1190


 228.6580, 5.0986,
-48.8121


 66.7600, 7.0203,
-58.5485

 238.8540, 7.9600,
-33.1980

 50.0500, 3.9194,
-43.8939

 247.8240, 3.5378,
-14.7546

 34.0410, 0.9658,
-29.8540

 19.9070, -2.4192,
-17.4584

 0.0000, 0.0000,

0.0000

■ 148.2940, 3.7991,
-52.0008

■ 148.2940, 3.7991,
-52.0008

■ 142.4560, 4.7052,
-62.6669

■ 154.1320, 2.8929,
-41.3348

■ 136.9170, 5.4639,
-72.7182

■ 159.6710, 2.1342,
-31.2835

■ 130.9650, 5.9333,
-83.2843

■ 165.6230, 1.6649,
-20.7174

■ 125.1270, 6.8394,
-93.9504

■ 171.4610, 0.7587,
-10.0513

■ 119.5880, 7.5981,
-104.0017

■ 177.2990, -0.1474,
0.6148

■ 119.2890, 7.7455,
-104.6165

■ 182.8380, -0.9061,
10.6661

■ 188.7900, -1.3755,
21.2322

■ 194.6280, -2.2816,
31.8982

■ 200.1670, -3.0403,
41.9495

Harmonies

Analogous

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



153.5070, -12.5750, -26.7546



148.2940, 3.7991, -52.0008



144.1250, 20.1514, -70.2696

Triad

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



148.2940, 3.7991, -52.0008



163.3950, 24.4553, -3.8544



162.5800, -22.9639, 38.9563

Complementary

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



148.2940, 3.7991, -52.0008



117.7060, -3.7991, 52.0008

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.



164.3820, -12.5133, 47.0230



148.2940, 3.7991, -52.0008



165.9380, 14.3276, 24.6104

Square

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



148.2940, 3.7991, -52.0008



156.9780, 30.0838, -35.9377



165.2040, 0.8854, 42.7941



160.0310, -27.1303, 21.8978

Rectangle

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



148.2940, 3.7991, -52.0008



145.3730, 27.4241, -69.6101



165.2040, 0.8854, 42.7941



162.9980, -20.2120, 42.9748

Sweetspot

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



148.2940, 3.7991, -52.0008



218.5090, 1.2281, -20.6174



147.2340, -28.7094, -31.7772



108.1510, 0.9116, -12.4104



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



148.2940, 3.7991, -52.0008



184.9760, 5.9278, -81.5400



137.7740, 19.3384, -42.7748



86.0810, 0.4531, -5.3330



103.0350, 6.3917, -90.3617



17.4280, 0.7750, -15.2844

Inverse Universe

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



117.7060, -3.7991, 52.0008



137.0240, -5.9278, 81.5400



128.2260, -19.3384, 42.7748



82.9190, -0.4531, 5.3330



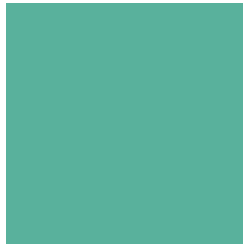
49.9650, -6.3917, 90.3617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 148.2940, 3.7991, -52.0008 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 148.2940, 3.7991, -52.0008 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 148.2940, 3.7991, -52.0008

Background



This preview shows how black text looks on a background with the YUV color 148.2940, 3.7991, -52.0008.



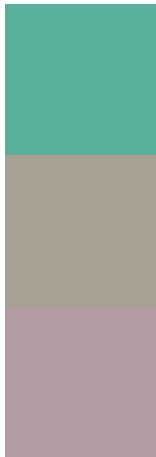
This preview shows how white text looks on a background with the YUV color 148.2940, 3.7991, -52.0008.

-52.0008.

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

148.2940, 3.7991, -52.0008

Protanopia

160.6110, -6.7102, 5.6032

Deuteranopia

162.5500, -0.7641, 11.7957



Tritanopia

152.1710, 17.1707, -47.5080

Trichromacy



Original Color

148.2940, 3.7991, -52.0008

Protanomaly

156.1030, -3.0088, -14.9993

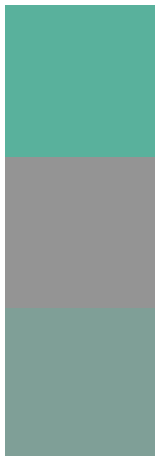
Deuteranomaly

157.4500, 0.7641, -11.7957

Tritanomaly

150.6070, 12.5187, -48.7673

Monochromacy



Original Color

148.2940, 3.7991, -52.0008

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.5200, 1.2226, -18.8730

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2940, 3.7991, -52.0008 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, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(89, 177, 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(89, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 177, 156) }
```

Border

The CSS property to change the border of an element to YUV 148.2940, 3.7991, -52.0008 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, 177, 156) }
```


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

```
.border{ border-color:rgb(89, 177, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 177, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(89, 177,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 148.2940, 3.7991, -52.0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 177, 156) }
```

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

```
.background{ background-color: rgb(89, 177,  
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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