

Converting Colors

YUV(149.7580, 0.1193,
-38.3758)

Have a look what the booklet for
YUV(149.7580, 0.1193, -38.3758)
contains.

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Color

**YUV(149.7580, 0.1193,
-38.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	6AAC96
RGB	106, 172, 150
RGB Percent	42%, 67%, 59%
CMY	0.5843, 0.3255, 0.4118
CMYK	0.38, 0.00, 0.13, 0.33
HSL	160°, 28%, 55%
HSV	160°, 38%, 67%
XYZ	26.2014, 34.7712, 34.1847
YIQ	149.7580, -32.2740, -20.8340

Conversions

Conversions Part 2

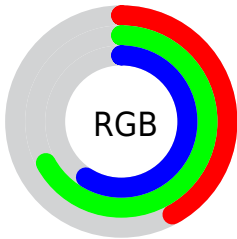
Format	Color
RYB	106, 146, 172
Decimal	6990998
CIELab	65.57, -26.18, 4.71
CIELCh	66, 26.604, 169.810
Yxy	34.7712, 0.2753, 0.3654
Android (android.graphics.Color)	4285181078 (0xFF6AAC96)
YUV	149.7580, 0.1193, -38.3758
Hunter-Lab	58.9671, -23.8780, 6.9051

Details

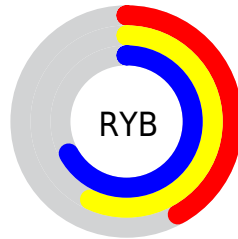
The YUV color **149.7580, 0.1193, -38.3758** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **128.2420, -0.1193, 38.3758**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9320, -0.4595, -39.4054**, and **97.2850, 0.8455, -37.9609** is the 20% darker color. If you saturate the color by 10%, you get **143.9910, 0.0044, -48.2271**, and if you desaturate by 10%, it is **155.5250, 0.2342, -28.5244**.

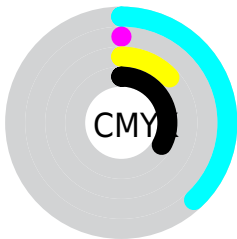
Distribution



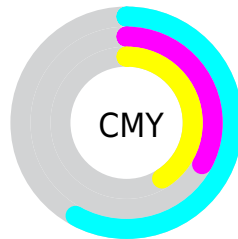
- Red (42%)
- Green (67%)
- Blue (59%)



- Red (42%)
- Yellow (57%)
- Blue (67%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.7580, 0.1193, -38.3758 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 149.7580, 0.1193, -38.3758 by changing the saturation by 10% instead.


 149.7580, 0.1193,
-38.3758

 149.7580, 0.1193,
-38.3758

255.0000, 0.0000,
0.0000

 123.1710, 0.4087,
-37.8610


 204.9320, -0.4595,
-39.4054


 97.2850, 0.8455,
-37.9609

 232.3450, -0.1701,
-38.8906


 71.5020, 1.7245,
-39.9053

 243.3390, 5.7489,
-23.9763

 47.1320, 2.8929,
-41.3348

 252.0100, 1.4741,
-6.1478

 31.2370, 0.3762,
-27.3948

 17.3480, -4.6086,
-15.2142

 0.0000, 0.0000,

0.0000

■ 149.7580, 0.1193,
-38.3758

■ 149.7580, 0.1193,
-38.3758

■ 143.9910, 0.0044,
-48.2271

■ 155.5250, 0.2342,
-28.5244

■ 138.3380, 0.3264,
-58.1784

■ 161.1780, -0.0878,
-18.5731

■ 132.2720, 0.3589,
-68.6445

■ 167.2440, -0.1203,
-8.1070

■ 126.5050, 0.2440,
-78.4959

■ 173.0110, -0.0054,
1.7444

■ 120.7380, 0.1292,
-88.3472

■ 178.7780, 0.1094,
11.5957

■ 115.0850, 0.4511,
-98.2985

■ 184.4310, -0.2125,
21.5470

■ 114.0740, 0.4565,
-100.0429

■ 190.1980, -0.0976,
31.3984

■ 196.2640, -0.1302,
41.8645

■ 200.2370, 0.8692,
48.0272

Harmonies

Analogous

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



153.5620, -12.6021, -18.0329



149.7580, 0.1193, -38.3758



146.9270, 13.8400, -52.5560

Triad

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



149.7580, 0.1193, -38.3758



160.2760, 21.5559, -7.2581



160.5240, -18.0063, 35.4975

Complementary

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



149.7580, 0.1193, -38.3758



128.2420, -0.1193, 38.3758

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.



161.6630, -8.7079, 39.7605



149.7580, 0.1193, -38.3758



162.9540, 13.3337, 16.7033

Square

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



149.7580, 0.1193, -38.3758



154.7350, 25.2736, -33.0936



162.6050, 2.6597, 33.6724



158.8830, -22.6203, 22.0276

Rectangle

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



149.7580, 0.1193, -38.3758



147.9360, 20.2446, -53.4409



162.6050, 2.6597, 33.6724



160.9310, -15.2490, 37.7715

Sweetspot

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



149.7580, 0.1193, -38.3758



214.9010, 0.0488, -15.6992



151.3200, -22.3428, -20.4516



106.6460, 0.1745, -9.3365



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



149.7580, 0.1193, -38.3758



189.3270, 0.3318, -59.9228



145.8090, 12.9122, -34.9125



83.9670, 0.0163, -5.2331



99.4500, 0.2711, -87.2177



15.2110, -0.1040, -13.3400

Inverse Universe

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



128.2420, -0.1193, 38.3758



155.7870, 0.1050, 59.8228



132.1910, -12.9122, 34.9125



81.0330, -0.0163, 5.2331



50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 149.7580, 0.1193, -38.3758 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 149.7580, 0.1193, -38.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

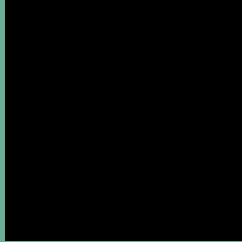
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.7580, 0.1193, -38.3758

Background



This preview shows how black text looks on a background with the YUV color 149.7580, 0.1193, -38.3758.

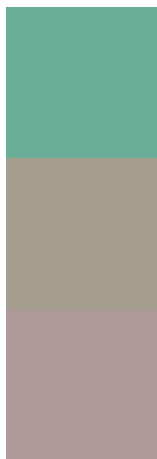


This preview shows how white text looks on a background with the YUV color 149.7580, 0.1193,

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

149.7580, 0.1193, -38.3758

Protanopia

158.3830, -7.5838, 5.8031

Deuteranopia

159.6920, -2.8062, 13.4251



Tritanopia

153.0370, 13.7858, -35.1124

Trichromacy



Original Color

149.7580, 0.1193, -38.3758

Protanomaly

155.3810, -4.6248, -9.9811

Deuteranomaly

156.2120, -1.5835, -5.4479

Tritanomaly

151.4730, 9.1338, -36.3718

Monochromacy



Original Color

149.7580, 0.1193, -38.3758

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.9120, 0.0434, -13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7580, 0.1193, -38.3758 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(106, 172, 150)` looks like.

```
.text, #text, p{  
    color:rgb(106, 172, 150)  
}
```

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(106, 172, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 172, 150) }
```

Border

The CSS property to change the border of an element to YUV 149.7580, 0.1193, -38.3758 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(106, 172, 150) }
```


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

```
.border{ border-color:rgb(106, 172, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 172, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 172, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 172, 150);  
box-shadow:4px 4px 4px 4px rgb(106, 172,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 149.7580, 0.1193, -38.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 172, 150) }
```

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

```
.background{ background-color: rgb(106,  
172, 150) }
```

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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