

Converting Colors

YUV(158.3240, -8.0477,
14.6249)

Have a look what the booklet for
YUV(158.3240, -8.0477, 14.6249)
contains.

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Color

**YUV(158.3240, -8.0477,
14.6249)**

Conversions

Conversions Part 1

Format	Color
Hex	AF998E
RGB	175, 153, 142
RGB Percent	69%, 60%, 56%
CMY	0.3137, 0.4000, 0.4431
CMYK	0.00, 0.13, 0.19, 0.31
HSL	20°, 17%, 62%
HSV	20°, 19%, 69%
XYZ	33.9529, 33.8494, 30.3353
YIQ	158.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

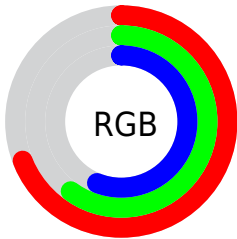
Format	Color
RYB	175, 159, 142
Decimal	11508110
CIELab	64.84, 6.31, 8.76
CIELCh	65, 10.796, 54.226
Yxy	33.8494, 0.3460, 0.3449
Android (android.graphics.Color)	4289698190 (0xFFAF998E)
YUV	158.3240, -8.0477, 14.6249
Hunter-Lab	58.1803, 2.3538, 9.8123

Details

The YUV color **158.3240, -8.0477, 14.6249** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158.6760, 8.0477, -14.6249**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9220, -8.3425, 15.8544**, and **106.8400, -7.3161, 13.2953** is the 20% darker color. If you saturate the color by 10%, you get **149.3420, -12.0006, 22.5021**, and if you desaturate by 10%, it is **167.4200, -3.6581, 6.6477**.

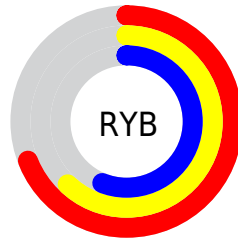
Distribution



Red (69%)

Green (60%)

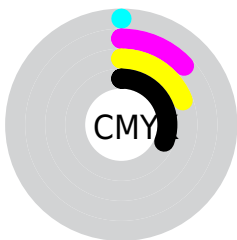
Blue (56%)



Red (69%)

Yellow (62%)

Blue (56%)

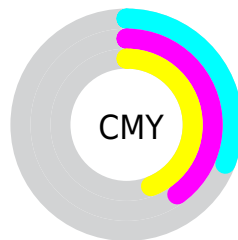


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.3240, -8.0477, 14.6249 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 158.3240, -8.0477, 14.6249 by changing the saturation by 10% instead.


 158.3240, -8.0477,
14.6249


 158.3240, -8.0477,
14.6249


255.0000, 0.0000,
0.0000

 132.0250, -7.9003,
14.0101


 212.9220, -8.3425,
15.8544


 106.8400, -7.3161,
13.2953


 240.3130, -8.0423,
12.8805

 82.5410, -7.1687,
12.6805

 254.6580, -1.3104,
0.2999

 59.3560, -6.5845,
11.9658

 37.7580, -6.2897,
10.7362

 16.0140, -7.8949,
12.2657

 0.0000, 0.0000,

0.0000

■ 158.3240, -8.0477,
14.6249

■ 158.3240, -8.0477,
14.6249

■ 149.3420,
-12.0006, 22.5021

■ 167.4200, -3.6581,
6.6477

■ 140.8330,
-16.6797, 29.9645

■ 175.8150, 0.5842,
-0.7148

■ 131.8510,
-20.6325, 37.8417

■ 184.9110, 4.9739,
-8.6919

■ 122.7550,
-25.0222, 45.8189

■ 193.8930, 8.9268,
-16.5692

■ 114.2460,
-29.7013, 53.2813

■ 202.4020, 13.6058,
-24.0316

■ 105.2640,
-33.6542, 61.1585

■ 211.3840, 17.5587,
-31.9088

■ 96.2820, -37.6070,
69.0357

■ 219.3400, 17.5804,
-38.8862

■ 87.7730, -42.2861,
76.4981

■ 225.7970, 14.3971,
-44.5490

■ 86.3710, -42.5809,
77.7276

■ 231.0800, 11.7926,
-49.1822

Harmonies

Analogous

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



158.9590, -4.4168, 16.6990



158.3240, -8.0477, 14.6249



157.2370, -9.4838, 8.5622

Triad

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



158.3240, -8.0477, 14.6249



154.3140, 0.3382, -15.1844



157.8780, 8.4411, -0.7700

Complementary

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



158.3240, -8.0477, 14.6249



158.6760, 8.0477, -14.6249

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.



156.7520, 9.4893, -10.3065



158.3240, -8.0477, 14.6249



154.2580, 5.2958, -18.6433

Square

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



158.3240, -8.0477, 14.6249



155.3920, -4.6303, -8.2368



154.8930, 8.9268, -16.5692



159.3090, 4.7777, 7.6220

Rectangle

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



158.3240, -8.0477, 14.6249



156.4320, -8.5940, 3.1291



154.8930, 8.9268, -16.5692



157.9700, 8.8888, -4.3587

Sweetspot

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



158.3240, -8.0477, 14.6249



220.1210, -3.5107, 6.0329



154.3750, 4.7451, 18.0881



110.5660, -1.7580, 3.8886



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.



158.3240, -8.0477, 14.6249



200.5270, -12.5848, 23.2168



167.7160, -12.6780, 6.3881



82.4520, -2.1948, 3.9886



74.2000, -36.5806, 66.4766



11.5730, -5.7055, 10.0215

Inverse Universe

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



158.6760, 8.0477, -14.6249



201.4730, 12.5848, -23.2168



149.2840, 12.6780, -6.3881



82.5480, 2.1948, -3.9886



75.8000, 36.5806, -66.4766



11.4270, 5.7055, -10.0215

Previews

White Background



This preview shows how the YUV color 158.3240, -8.0477, 14.6249 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 158.3240, -8.0477, 14.6249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

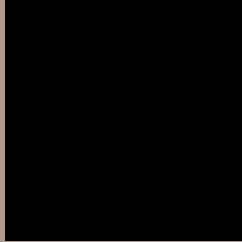
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.3240, -8.0477, 14.6249

Background



This preview shows how black text looks on a background with the YUV color 158.3240, -8.0477, 14.6249.



This preview shows how white text looks on a background with the YUV color 158.3240, -8.0477,

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

158.3240, -8.0477, 14.6249

Protanopia

157.3120, -6.5628, 4.9884

Deuteranopia

158.6340, -8.2006, 16.9840



Tritanopia

159.4410, 1.2616, 15.3992

Trichromacy



Original Color

158.3240, -8.0477, 14.6249

Protanomaly

157.8070, -7.2999, 8.0623

Deuteranomaly

158.3350, -8.0532, 16.3692

Tritanomaly

158.9310, -1.9380, 14.9695

Monochromacy



Original Color

158.3240, -8.0477, 14.6249

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9360, -2.9264, 5.3181

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3240, -8.0477, 14.6249 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(175, 153, 142)` looks like.

```
.text, #text, p{  
    color:rgb(175, 153, 142)  
}
```

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(175, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 153, 142) }
```

Border

The CSS property to change the border of an element to YUV 158.3240, -8.0477, 14.6249 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(175, 153, 142) }
```


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

```
.border{ border-color:rgb(175, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(175, 153,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 158.3240, -8.0477, 14.6249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 153, 142) }
```

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

```
.background{ background-color: rgb(175,  
153, 142) }
```

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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