

Converting Colors

YUV(158.8650, -1.9054, 4.5034)

Have a look what the booklet for
YUV(158.8650, -1.9054, 4.5034)
contains.

YUV(158.8650, -1.9054, 4.5034)	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(158.8650, -1.9054,
4.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	A49D9B
RGB	164, 157, 155
RGB Percent	64%, 62%, 61%
CMY	0.3569, 0.3843, 0.3922
CMYK	0.00, 0.04, 0.05, 0.36
HSL	13°, 5%, 63%
HSV	13°, 5%, 64%
XYZ	33.2832, 34.3730, 35.8908
YIQ	158.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

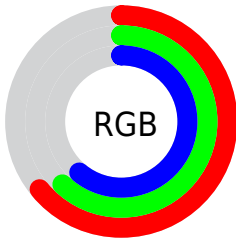
Format	Color
RYB	164, 158, 155
Decimal	10788251
CIELab	65.26, 2.18, 1.94
CIELCh	65, 2.917, 41.762
Yxy	34.3730, 0.3214, 0.3320
Android (android.graphics.Color)	4288978331 (0xFFA49D9B)
YUV	158.8650, -1.9054, 4.5034
Hunter-Lab	58.6285, -1.2660, 4.7442

Details

The YUV color **158.8650, -1.9054, 4.5034** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160.1350, 1.9054, -4.5034**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7510, -2.3422, 4.6034**, and **107.5660, -1.7580, 3.8886** is the 20% darker color. If you saturate the color by 10%, you get **149.4100, -5.1321, 12.7954**, and if you desaturate by 10%, it is **168.3200, 1.3212, -3.7886**.

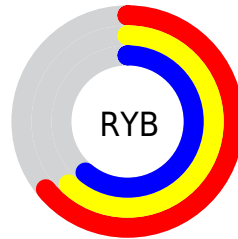
Distribution



Red (64%)

Green (62%)

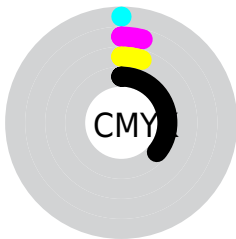
Blue (61%)



Red (64%)

Yellow (62%)

Blue (61%)

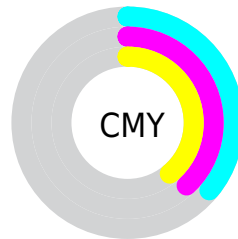


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8650, -1.9054, 4.5034 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 158.8650, -1.9054, 4.5034 by changing the saturation by 10% instead.

■ 158.8650, -1.9054,
4.5034

■ 158.8650, -1.9054,
4.5034

255.0000, 0.0000,
0.0000

■ 132.8650, -1.9054,
4.5034

■ 213.7510, -2.3422,
4.6034

■ 107.5660, -1.7580,
3.8886

■ 241.8650, -1.9054,
4.5034

■ 83.5660, -1.7580,
3.8886

■ 60.5660, -1.7580,
3.8886

■ 38.3810, -1.1738,
3.1739

■ 17.5660, -1.7580,
3.8886

■ 0.0000, 0.0000,

0.0000

■ 158.8650, -1.9054,
4.5034

■ 158.8650, -1.9054,
4.5034

■ 149.4100, -5.1321,
12.7954

■ 168.3200, 1.3212,
-3.7886

■ 139.8410, -8.7956,
21.1874

■ 177.8890, 4.9847,
-12.1807

■ 130.9730,
-12.3117, 28.9647

■ 186.7570, 8.5008,
-19.9579

■ 121.4040,
-15.9752, 37.3567

■ 196.3260, 12.1643,
-28.3499

■ 111.9490,
-19.2019, 45.6487

■ 205.7810, 15.3910,
-36.6419

■ 102.4940,
-22.4285, 53.9408

■ 215.2360, 18.6177,
-44.9340

■ 93.5120, -26.3814,
61.8180

■ 222.5080, 16.0186,
-51.3115

■ 84.0570, -29.6081,
70.1100

■ 227.7910, 13.4140,
-55.9447

■ 74.4880, -33.2716,
78.5020

Harmonies

Analogous

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



159.0930, -1.0318, 4.3034



158.8650, -1.9054, 4.5034



158.6260, -2.7736, 2.9590

Triad

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



158.8650, -1.9054, 4.5034



157.8640, -0.4260, -3.3887



158.2710, 2.3314, -1.1147

Complementary

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



158.8650, -1.9054, 4.5034



160.1350, 1.9054, -4.5034

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.



157.9610, 2.4842, -3.4738



158.8650, -1.9054, 4.5034



157.4940, 0.7425, -4.8182

Square

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



158.8650, -1.9054, 4.5034



157.5330, -1.7418, -1.3444



157.8360, 2.0529, -5.1182



158.4670, 1.7418, 1.3444

Rectangle

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



158.8650, -1.9054, 4.5034



158.3270, -2.6262, 2.3442



157.8360, 2.0529, -5.1182



158.6730, 2.6262, -2.3442

Sweetspot

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



158.8650, -1.9054, 4.5034



211.7830, -0.8790, 1.9443



158.4890, 1.7309, 4.8331



105.5980, -0.2948, 1.2296



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



158.8650, -1.9054, 4.5034



205.8330, -3.3687, 7.1625



161.2130, -3.0630, 2.4442



78.2670, -1.6106, 3.2738



62.1390, -30.6345, 72.6691



7.7300, -3.8109, 9.0068

Inverse Universe

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



160.1350, 1.9054, -4.5034



207.7540, 3.0793, -7.6773



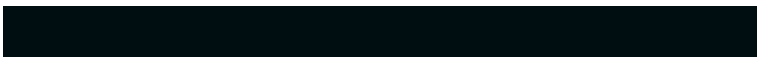
157.7870, 3.0630, -2.4442



78.7330, 1.6106, -3.2738



82.8610, 30.6345, -72.6691



10.2700, 3.8109, -9.0068

Previews

White Background



This preview shows how the YUV color 158.8650, -1.9054, 4.5034 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 158.8650, -1.9054, 4.5034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

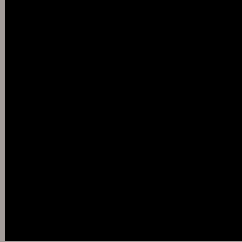
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8650, -1.9054, 4.5034

Background



This preview shows how black text looks on a background with the YUV color 158.8650, -1.9054, 4.5034.



This preview shows how white text looks on a background with the YUV color 158.8650, -1.9054,

4.5034.

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

158.8650, -1.9054, 4.5034

Protanopia

158.8540, -1.9000, 2.7590

Deuteranopia

159.9200, -1.9326, 13.2252



Tritanopia

159.6570, 3.6201, 5.5628

Trichromacy



Original Color

158.8650, -1.9054, 4.5034

Protanomaly

159.1530, -2.0474, 3.3738

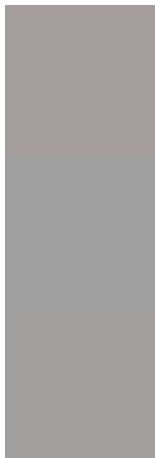
Deuteranomaly

159.3110, -1.6323, 10.2513

Tritanomaly

159.4890, 1.7309, 4.8331

Monochromacy



Original Color

158.8650, -1.9054, 4.5034

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8650, -1.9054, 4.5034 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(164, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 155)  
}
```

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(164, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 155) }
```

Border

The CSS property to change the border of an element to YUV 158.8650, -1.9054, 4.5034 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(164, 157, 155) }
```


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

```
.border{ border-color:rgb(164, 157, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 155);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 158.8650, -1.9054, 4.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 155) }
```

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

```
.background{ background-color: rgb(164,  
157, 155) }
```

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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