

Converting Colors

YUV(158.2540, -48.9322,
14.6862)

Have a look what the booklet for
YUV(158.2540, -48.9322, 14.6862)
contains.

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Color

**YUV(158.2540, -48.9322,
14.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA93B
RGB	175, 169, 59
RGB Percent	69%, 66%, 23%
CMY	0.3137, 0.3373, 0.7686
CMYK	0.00, 0.03, 0.66, 0.31
HSL	57°, 50%, 46%
HSV	57°, 66%, 69%
XYZ	32.6566, 37.8057, 9.7137
YIQ	158.2540, 38.8860, -32.9380

Conversions

Conversions Part 2

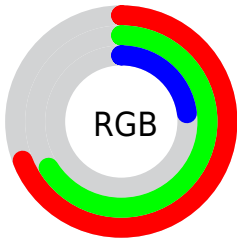
Format	Color
RYB	65, 175, 59
Decimal	11512123
CIELab	67.88, -11.34, 55.25
CIELCh	68, 56.402, 101.600
Yxy	37.8057, 0.4073, 0.4715
Android (android.graphics.Color)	4289702203 (0xFFAFA93B)
YUV	158.2540, -48.9322, 14.6862
Hunter-Lab	61.4863, -12.7962, 33.6737

Details

The YUV color **158.2540, -48.9322, 14.6862** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **75.7460, 48.9322, -14.6862**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9230, -50.2480, 16.7305**, and **104.2600, -51.4002, 12.9270** is the 20% darker color. If you saturate the color by 10%, you get **155.7290, -56.0684, 16.9007**, and if you desaturate by 10%, it is **160.8930, -41.3592, 12.3718**.

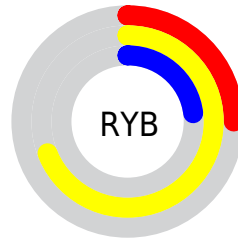
Distribution



Red (69%)

Green (66%)

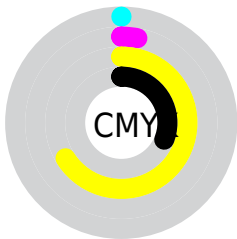
Blue (23%)



Red (25%)

Yellow (69%)

Blue (23%)

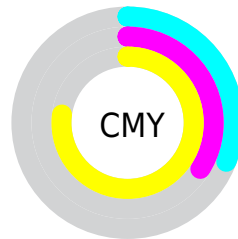


Cyan (0%)

Magenta (3%)

Yellow (66%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2540, -48.9322, 14.6862 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 158.2540, -48.9322, 14.6862 by changing the saturation by 10% instead.

■ 158.2540,
-48.9322, 14.6862

■ 158.2540,
-48.9322, 14.6862

■ 255.0000, 0.0000,
0.0000

■ 131.4280,
-49.5110, 13.6566

■ 213.9230,
-50.2480, 16.7305

■ 104.2600,
-51.4002, 12.9270

■ 240.6020,
-50.0898, 12.6270

■ 82.0990, -40.4748,
8.6832

■ 244.8540,
-38.8750, 8.8980

■ 60.2370, -29.6968,
5.0542

■ 248.0460,
-26.6447, 6.0987

■ 39.8480, -19.6451,
1.0103

■ 251.3520,
-13.9775, 3.1993

■ 20.0350, -9.8773,
-5.2927

■ 254.6580, -1.3104,

■ 0.0000, 0.0000,

0.2999

0.0000

■ 158.2540,
-48.9322, 14.6862

■ 158.2540,
-48.9322, 14.6862

■ 155.7290,
-56.0684, 16.9007

■ 160.8930,
-41.3592, 12.3718

■ 153.0900,
-63.6414, 19.2151

■ 163.4180,
-34.2231, 10.1574

■ 150.5650,
-70.7775, 21.4295

■ 166.0570,
-26.6501, 7.8430

■ 149.7670,
-73.8351, 22.1293

■ 168.5820,
-19.5139, 5.6286

■ 171.2210,
-11.9410, 3.3142

■ 173.1590, -4.5154,
1.6146

■ 175.7980, 3.0576,
-0.6998

■ 178.3230, 10.1938,
-2.9143

■ 180.9620, 17.7667,
-5.2287

Harmonies

Analogous

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



161.9410, -47.2989, 50.9177



158.2540, -48.9322, 14.6862



151.5180, -32.7934, -28.5183

Triad

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



158.2540, -48.9322, 14.6862



136.8040, 46.9316, -119.9771



168.4190, 15.0764, 64.5305

Complementary

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



158.2540, -48.9322, 14.6862



75.7460, 48.9322, -14.6862

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.



170.1220, 35.4359, 20.9410



158.2540, -48.9322, 14.6862



134.7300, 59.2931, -118.1582

Square

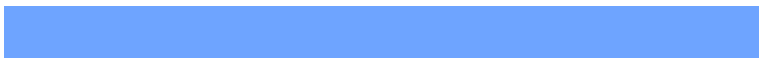
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



158.2540, -48.9322, 14.6862



133.0930, 25.0972, -116.7226



158.2280, 47.7086, -42.2960



163.5570, -7.6696, 80.1955

Rectangle

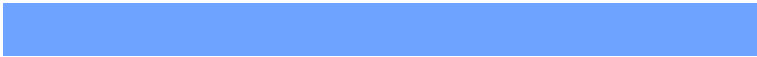
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158.2540, -48.9322, 14.6862



142.9120, -13.7606, -66.5748



158.2280, 47.7086, -42.2960



170.1770, 22.0977, 52.4648

Sweetspot

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



158.2540, -48.9322, 14.6862



220.6960, -19.0771, 5.5286



94.5960, -13.6048, 70.5143



110.6340, -11.6516, 3.8290



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.



158.2540, -48.9322, 14.6862



200.9690, -76.8927, 22.8292



146.8260, -43.2982, -19.1414



85.3870, -3.6418, 1.4146



128.7910, -63.4940, 18.6003



19.7910, -9.7570, 2.8143

Inverse Universe

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



75.7460, 48.9322, -14.6862



71.6180, 76.6033, -23.3440



87.1740, 43.2982, 19.1414



79.0260, 3.9312, -0.8998



21.7960, 63.2046, -19.1151



3.2090, 9.7570, -2.8143

Previews

White Background



This preview shows how the YUV color 158.2540, -48.9322, 14.6862 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 158.2540, -48.9322, 14.6862 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 158.2540, -48.9322, 14.6862

Background



This preview shows how black text looks on a background with the YUV color 158.2540, -48.9322, 14.6862.



This preview shows how white text looks on a background with the YUV color 158.2540, -48.9322, 14.6862.

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

158.2540, -48.9322, 14.6862

Protanopia

159.3690, -49.9749, 22.4784

Deuteranopia

160.9350, -48.2820, 39.5220



Tritanopia

167.4410, 1.2616, 15.3992

Trichromacy



Original Color

158.2540, -48.9322, 14.6862

Protanomaly

158.7600, -49.6747, 19.5045

Deuteranomaly

159.8800, -48.2548, 30.8002

Tritanomaly

164.0330, -16.7783, 14.8801

Monochromacy



Original Color

158.2540, -48.9322, 14.6862

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0380, -17.7667, 5.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2540, -48.9322, 14.6862 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, 169, 59)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 59)  
}
```

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, 169, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 59) }
```

Border

The CSS property to change the border of an element to YUV 158.2540, -48.9322, 14.6862 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, 169, 59) }
```


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

```
.border{ border-color:rgb(175, 169, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 169, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 169, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 169, 59);  
box-shadow:4px 4px 4px 4px rgb(175, 169,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 158.2540, -48.9322, 14.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 59) }
```

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

```
.background{ background-color: rgb(175,  
169, 59) }
```

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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