

Converting Colors

YUV(93.0390, 0.4738, -58.7932)

Have a look what the booklet for
YUV(93.0390, 0.4738, -58.7932)
contains.

YUV(93.0390, 0.4738, -58.7932)	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(93.0390, 0.4738,
-58.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	1A7F5E
RGB	26, 127, 94
RGB Percent	10%, 50%, 37%
CMY	0.8980, 0.5020, 0.6314
CMYK	0.80, 0.00, 0.26, 0.50
HSL	160°, 66%, 30%
HSV	160°, 80%, 50%
XYZ	10.0358, 16.2065, 13.1889
YIQ	93.0390, -49.6030, -31.6750

Conversions

Conversions Part 2

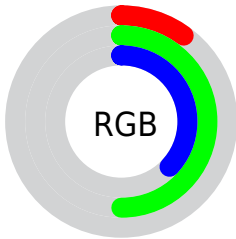
Format	Color
R_{YB}	26, 86, 127
Decimal	1736542
CIE _{Lab}	47.24, -36.28, 10.08
CIE _{LCh}	47, 37.656, 164.466
Yxy	16.2065, 0.2545, 0.4110
Android (android.graphics.Color)	4279926622 (0xFF1A7F5E)
YUV	93.0390, 0.4738, -58.7932
Hunter-Lab	40.2573, -25.9520, 8.7558

Details

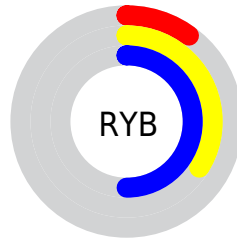
The YUV color **93.0390, 0.4738, -58.7932** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **59.9610, -0.4738, 58.7932**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9750, -2.4527, -53.4751**, and **50.6710, -1.3168, -44.4385** is the 20% darker color. If you saturate the color by 10%, you get **88.6960, 0.6429, -66.3854**, and if you desaturate by 10%, it is **97.3820, 0.3047, -51.2010**.

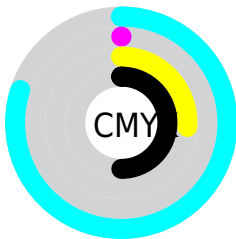
Distribution



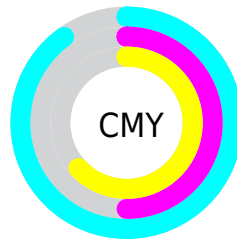
- Red (10%)
- Green (50%)
- Blue (37%)



- Red (10%)
- Yellow (34%)
- Blue (50%)



- Cyan (80%)
- Magenta (0%)
- Yellow (26%)
- Black (50%)



- Cyan (90%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.0390, 0.4738, -58.7932 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 93.0390, 0.4738, -58.7932 by changing the saturation by 10% instead.

■ 93.0390, 0.4738,
-58.7932

■ 93.0390, 0.4738,
-58.7932

■ 255.0000, 0.0000,
0.0000

■ 67.2670, 1.3474,
-58.9932

■ 148.9750, -2.4527,
-53.4751

■ 50.6710, -1.3168,
-44.4385

■ 176.2740, -2.6001,
-52.8603

■ 34.1890, -3.5442,
-29.9838

■ 204.7470, -3.3263,
-53.2751

■ 19.3710, -9.5499,
-16.9884

■ 226.8770, -0.4324,
-48.1271

■ 0.0000, 0.0000,
0.0000

■ 238.8540, 7.9600,
-33.1980

■ 247.5250, 3.6852,

-15.3694

■ 93.0390, 0.4738,
-58.7932

■ 93.0390, 0.4738,
-58.7932

■ 88.6960, 0.6429,
-66.3854

■ 97.3820, 0.3047,
-51.2010

■ 84.6520, 0.6646,
-73.3628

■ 101.4260, 0.2830,
-44.2236

■ 84.3530, 0.8120,
-73.9776

■ 105.7690, 0.1139,
-36.6314

■ 110.2260, 0.3816,
-29.1392

■ 114.2700, 0.3599,
-22.1618

■ 118.6130, 0.1908,
-14.5696

■ 122.9560, 0.0217,
-6.9774

■ 127.2990, -0.1474,
0.6148

■ 131.3430, -0.1691,
7.5922

Harmonies

Analogous

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



103.5310, -18.9958, -20.6367



93.0390, 0.4738, -58.7932



89.6140, 18.4313, -78.5915

Triad

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



93.0390, 0.4738, -58.7932



110.3050, 30.9086, -20.4385



111.7920, -21.0965, 46.6634

Complementary

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



93.0390, 0.4738, -58.7932



59.9610, -0.4738, 58.7932

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.



113.0820, -7.4354, 51.6711



93.0390, 0.4738, -58.7932



115.4900, 20.4644, 16.2333

Square

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



93.0390, 0.4738, -58.7932



90.1620, 40.8391, -79.0721



114.3270, 7.7268, 41.8092



110.1030, -29.6308, 30.6047

Rectangle

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



93.0390, 0.4738, -58.7932



91.3070, 27.4566, -80.0762



114.3270, 7.7268, 41.8092



112.2530, -16.8867, 49.7671

Sweetspot

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



93.0390, 0.4738, -58.7932



152.5580, 0.2179, -23.2914



95.4530, -34.2403, -31.0923



75.9120, 0.0434, -13.9548



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



93.0390, 0.4738, -58.7932



112.8300, 0.5768, -91.9359



86.8220, 19.8078, -53.3409



61.6790, 0.1583, -4.1035



84.9400, 0.5226, -74.4924



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.9610, -0.4738, 58.7932



61.1700, -0.5768, 91.9359



66.1780, -19.8078, 53.3409



59.3210, -0.1583, 4.1035



43.0600, -0.5226, 74.4924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.0390, 0.4738, -58.7932 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 93.0390, 0.4738, -58.7932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.0390, 0.4738, -58.7932

Background



This preview shows how black text looks on a background with the YUV color 93.0390, 0.4738, -58.7932.



This preview shows how white text looks on a background with the YUV color 93.0390, 0.4738, -58.7932.

-58.7932.

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

93.0390, 0.4738, -58.7932

Protanopia

110.6560, -11.6624, 7.3177

Deuteranopia

111.9540, -6.8793, 13.1953



Tritanopia

100.7150, 15.4235, -47.1081

Trichromacy



Original Color

93.0390, 0.4738, -58.7932

Protanomaly

104.3540, -7.0765, -16.9735

Deuteranomaly

104.8860, -3.8878, -13.0550

Tritanomaly

97.9010, 9.9088, -51.6562

Monochromacy



Original Color

93.0390, 0.4738, -58.7932

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8680, 0.0651, -20.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.0390, 0.4738, -58.7932 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(26, 127, 94)` looks like.

```
.text, #text, p{  
    color:rgb(26, 127, 94)  
}
```

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(26, 127, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 127, 94) }
```

Border

The CSS property to change the border of an element to YUV 93.0390, 0.4738, -58.7932 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(26, 127, 94) }
```


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

```
.border{ border-color:rgb(26, 127, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 127, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 127, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 127, 94);  
box-shadow:4px 4px 4px 4px rgb(26, 127,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 93.0390, 0.4738, -58.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 127, 94) }
```

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

```
.background{ background-color: rgb(26, 127,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor