

Converting Colors

YUV(103.3940, -50.9732,
62.7985)

Have a look what the booklet for
YUV(103.3940, -50.9732, 62.7985)
contains.

YUV(103.3940, -50.9732, 62.7985)	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(103.3940, -50.9732,
62.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5700
RGB	175, 87, 0
RGB Percent	69%, 34%, 0%
CMY	0.3137, 0.6588, 1.0000
CMYK	0.00, 0.50, 1.00, 0.31
HSL	30°, 100%, 34%
HSV	30°, 100%, 69%
XYZ	21.0874, 15.9303, 1.9634
YIQ	103.3940, 80.3750, -8.4010

Conversions

Conversions Part 2

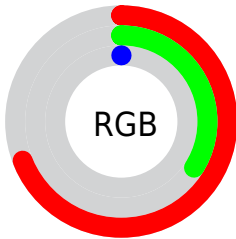
Format	Color
R_{YB}	175, 173, 0
Decimal	11491072
CIE _{Lab}	46.88, 31.64, 55.97
CIE _{LCh}	47, 64.298, 60.519
Yxy	15.9303, 0.5410, 0.4087
Android (android.graphics.Color)	4289681152 (0xFFAF5700)
YUV	103.3940, -50.9732, 62.7985
Hunter-Lab	39.9128, 24.4605, 25.0223

Details

The YUV color **103.3940, -50.9732, 62.7985** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **71.6060, 50.9732, -62.7985**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7090, -48.6635, 68.6612**, and **57.2780, -28.2381, 50.6222** is the 20% darker color. If you saturate the color by 10%, you get **103.3940, -50.9732, 62.7985**, and if you desaturate by 10%, it is **110.6150, -46.1522, 56.4656**.

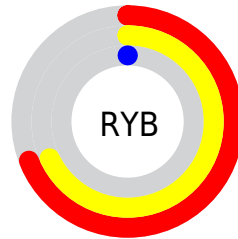
Distribution



Red (69%)

Green (34%)

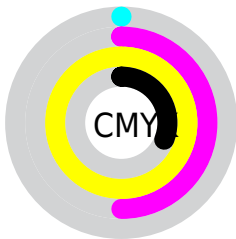
Blue (0%)



Red (69%)

Yellow (68%)

Blue (0%)

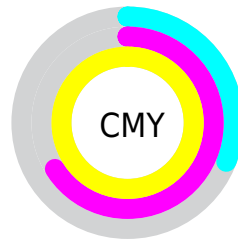


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3940, -50.9732, 62.7985 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 103.3940, -50.9732, 62.7985 by changing the saturation by 10% instead.

■ 103.3940,
-50.9732, 62.7985

■ 103.3940,
-50.9732, 62.7985

■ 254.4300, -2.1840,
0.4999

■ 80.3360, -39.6056,
56.7103

■ 158.7090,
-48.6635, 68.6612

■ 57.2780, -28.2381,
50.6222

■ 182.9040,
-47.7737, 63.2282

■ 33.9320, -16.7285,
45.6636

■ 201.7170,
-44.2305, 46.7292

■ 17.3420, -8.5496,
35.6571

■ 221.1170,
-40.9767, 29.7154


■ 9.6820, -4.2802,
19.5729


■ 241.2180,
-37.5755, 12.0868


■ 0.0000, 0.0000,
0.0000


■ 247.9320,

-27.0815, 6.1986


 251.1240,
-14.8511, 3.3993


 103.3940,
-50.9732, 62.7985

 110.6150,
-46.1522, 56.4656

 117.9500,
-40.8943, 50.0329

 124.6980,
-35.3471, 44.1149

 131.9190,
-30.5261, 37.7820

 139.2540,
-25.2682, 31.3492

■ 146.4750,
-20.4472, 25.0164

■ 153.6960,
-15.6261, 18.6836

■ 160.4440,
-10.0789, 12.7656

■ 167.7790, -4.8210,
6.3328

Harmonies

Analogous

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



102.1590, -20.7844, 86.6836



103.3940, -50.9732, 62.7985



104.0490, -51.2962, 26.2670

Triad

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



103.3940, -50.9732, 62.7985



91.8990, 9.4168, -80.5954



111.7150, 45.9895, -4.1351

Complementary

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



103.3940, -50.9732, 62.7985



71.6060, 50.9732, -62.7985

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.



94.3460, 61.9474, -82.7414



103.3940, -50.9732, 62.7985



98.0550, 33.0039, -85.9942

Square

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



103.3940, -50.9732, 62.7985



83.0530, -14.3231, -72.8375



99.6800, 51.9228, -87.4194



110.4640, 26.8862, 56.5981

Rectangle

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



103.3940, -50.9732, 62.7985



100.0410, -49.3202, -0.9130



99.6800, 51.9228, -87.4194



104.7650, 53.3599, -34.8739

Sweetspot

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



103.3940, -50.9732, 62.7985



199.2900, -19.8630, 24.3017



62.5850, 13.5156, 98.5880



97.8850, -12.2683, 15.0099



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.



103.3940, -50.9732, 62.7985



134.2040, -66.1626, 81.3821



153.2890, -75.5715, 19.0405



83.0390, -2.4842, 3.4738



88.8750, -43.8154, 53.6066



13.3340, -6.5737, 8.4771

Inverse Universe

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



71.6060, 50.9732, -62.7985



92.7960, 66.1626, -81.3821



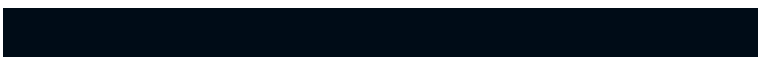
21.7110, 75.5715, -19.0405



81.3740, 2.7736, -2.9590



61.7120, 43.5260, -54.1214



9.6660, 6.5737, -8.4771

Previews

White Background



This preview shows how the YUV color 103.3940, -50.9732, 62.7985 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 103.3940, -50.9732, 62.7985 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 103.3940, -50.9732, 62.7985

Background



This preview shows how black text looks on a background with the YUV color 103.3940, -50.9732, 62.7985.



This preview shows how white text looks on a background with the YUV color 103.3940, -50.9732, 62.7985.

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

103.3940, -50.9732, 62.7985

Protanopia

105.1280, -44.4331, 18.3047

Deuteranopia

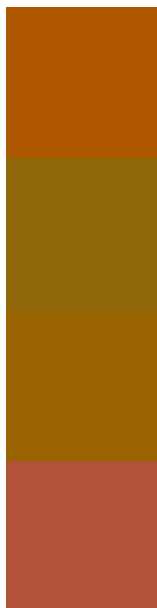
104.3810, -51.4598, 32.1149



Tritanopia

110.5730, -12.1145, 59.1335

Trichromacy



Original Color

103.3940, -50.9732, 62.7985

Protanomaly

104.6570, -46.6659, 34.5038

Deuteranomaly

103.8600, -51.2030, 43.0958

Tritanomaly

107.9140, -26.0866, 60.5884

Monochromacy



Original Color

103.3940, -50.9732, 62.7985

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0340, -18.2578, 22.7722

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3940, -50.9732, 62.7985 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, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 87, 0)  
}
```

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, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 87, 0) }
```

Border

The CSS property to change the border of an element to YUV 103.3940, -50.9732, 62.7985 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, 87, 0) }
```


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

```
.border{ border-color:rgb(175, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(175, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 103.3940, -50.9732, 62.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 87, 0) }
```

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

```
.background{ background-color: rgb(175, 87,  
0) }
```

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