

Converting Colors

YUV(103.3060, -50.9299,
48.8436)

Have a look what the booklet for
YUV(103.3060, -50.9299, 48.8436)
contains.

YUV(103.3060, -50.9299, 48.8436)	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>	30

Color

**YUV(103.3060, -50.9299,
48.8436)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5F00
RGB	159, 95, 0
RGB Percent	62%, 37%, 0%
CMY	0.3765, 0.6275, 1.0000
CMYK	0.00, 0.40, 1.00, 0.38
HSL	36°, 100%, 31%
HSV	36°, 100%, 62%
XYZ	18.3903, 15.5553, 2.0332
YIQ	103.3060, 68.6390, -15.9770

Conversions

Conversions Part 2

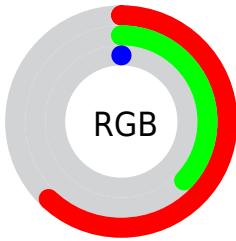
Format	Color
R_{YB}	107, 159, 0
Decimal	10444544
CIE Lab	46.39, 20.29, 54.50
CIE LCh	46, 58.155, 69.582
Yxy	15.5553, 0.5111, 0.4323
Android (android.graphics.Color)	4288634624 (0xFF9F5F00)
YUV	103.3060, -50.9299, 48.8436
Hunter-Lab	39.4403, 14.2109, 24.5517

Details

The YUV color **103.3060, -50.9299, 48.8436** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **55.6940, 50.9299, -48.8436**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0230, -48.3253, 53.4768**, and **58.3750, -28.7789, 37.3821** is the 20% darker color. If you saturate the color by 10%, you get **103.3060, -50.9299, 48.8436**, and if you desaturate by 10%, it is **108.6520, -45.6774, 44.1552**.

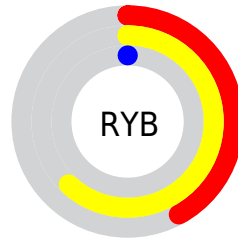
Distribution



Red (62%)

Green (37%)

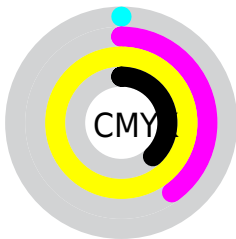
Blue (0%)



Red (42%)

Yellow (62%)

Blue (0%)

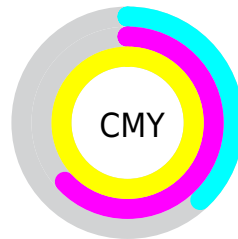


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3060, -50.9299, 48.8436 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 103.3060, -50.9299, 48.8436 by changing the saturation by 10% instead.

■ 103.3060,
-50.9299, 48.8436

■ 103.3060,
-50.9299, 48.8436

■ 254.5440, -1.7472,
0.3999

■ 80.5470, -39.7097,
43.3703

■ 158.0230,
-48.3253, 53.4768

■ 58.3750, -28.7789,
37.3821

■ 185.2190,
-48.9150, 55.9359

■ 37.6760, -18.5743,
30.9791

■ 206.4130,
-46.5456, 42.6108

■ 16.9880, -8.3751,
26.3205

■ 225.9270,
-42.8550, 25.4970


■ 3.5880, -1.7689,
7.3773

■ 244.8540,
-38.8750, 8.8980

■ 0.0000, 0.0000,
0.0000


■ 248.0460,


-26.6447, 6.0987


 251.2380,
-14.4143, 3.2993


 103.3060,
-50.9299, 48.8436

 108.6520,
-45.6774, 44.1552

 114.5850,
-40.7144, 38.9520

 119.9310,
-35.4620, 34.2635

 125.8640,
-30.4990, 29.0603

 131.2100,
-25.2465, 24.3718

■ 136.4420,
-20.4309, 19.7834

■ 142.3750,
-15.4679, 14.5801

■ 147.7210,
-10.2155, 9.8917

■ 153.6540, -5.2524,
4.6884

Harmonies

Analogous

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



104.4640, -26.8508, 72.3841



103.3060, -50.9299, 48.8436



101.6130, -50.0952, 14.3714

Triad

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



103.3060, -50.9299, 48.8436



91.7340, 16.4001, -80.4507



112.6160, 36.1783, 16.1228

Complementary

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



103.3060, -50.9299, 48.8436



55.6940, 50.9299, -48.8436

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.



88.7550, 58.2948, -77.8381



103.3060, -50.9299, 48.8436



96.3910, 36.7822, -84.5349

Square

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



103.3060, -50.9299, 48.8436



84.7460, -5.2978, -74.3222



95.7020, 51.9119, -83.9307



108.7930, 17.8501, 61.5715

Rectangle

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



103.3060, -50.9299, 48.8436



96.7840, -46.2355, -10.3346



95.7020, 51.9119, -83.9307



110.5640, 41.6269, -4.8796

Sweetspot

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



103.3060, -50.9299, 48.8436



185.2570, -19.8467, 19.0686



55.0650, 5.3910, 91.1510



91.2760, -11.9681, 12.0359



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



103.3060, -50.9299, 48.8436



134.0940, -66.1083, 63.9386



136.9870, -67.5346, 7.9044



76.3270, -2.6262, 2.3442



92.6520, -45.6774, 44.1552



9.7680, -4.8156, 4.5885

Inverse Universe

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



55.6940, 50.9299, -48.8436



72.3190, 66.3977, -63.4238



22.0130, 67.5346, -7.9044



73.6730, 2.6262, -2.3442



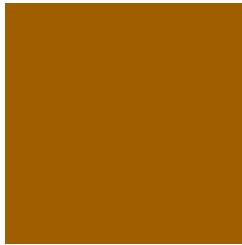
49.7610, 45.9668, -43.6404



5.2320, 4.8156, -4.5885

Previews

White Background



This preview shows how the YUV color 103.3060, -50.9299, 48.8436 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 103.3060, -50.9299, 48.8436 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 103.3060, -50.9299, 48.8436

Background



This preview shows how black text looks on a background with the YUV color 103.3060, -50.9299, 48.8436.



This preview shows how white text looks on a background with the YUV color 103.3060, -50.9299,

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



Protanopia

103.9000, -45.3067, 18.5047

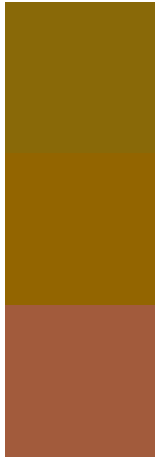
Deuteranopia

103.4950, -51.0230, 32.0149

Tritanopia

111.2230, -7.9979, 45.4084

Trichromacy



Protanomaly

103.5100, -47.0864, 29.3707

Deuteranomaly

103.2400, -50.8973, 38.3775

Tritanomaly

108.6950, -24.0066, 46.7485

Monochromacy



Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0010, -18.2415, 17.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3060, -50.9299, 48.8436 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(159, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(159, 95, 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(159, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 95, 0) }
```

Border

The CSS property to change the border of an element to YUV 103.3060, -50.9299, 48.8436 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(159, 95, 0) }
```

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

```
.border{ border-color:rgb(159, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(159, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 95, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 103.3060, -50.9299, 48.8436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 95, 0) }
```

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

```
.background{ background-color: rgb(159, 95,  
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