

Converting Colors

YUV(109.7080, -54.0860,
34.4591)

Have a look what the booklet for
YUV(109.7080, -54.0860, 34.4591)
contains.

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Color

**YUV(109.7080, -54.0860,
34.4591)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 956F00 |
| RGB | 149, 111, 0 |
| RGB Percent | 58%, 44%, 0% |
| CMY | 0.4157, 0.5647, 1.0000 |
| CMYK | 0.00, 0.26, 1.00, 0.42 |
| HSL | 45°, 100%, 29% |
| HSV | 45°, 100%, 58% |
| XYZ | 18.0789, 17.7584, 2.4749 |
| YIQ | 109.7080, 58.2790, -26.4650 |

Conversions

Conversions Part 2

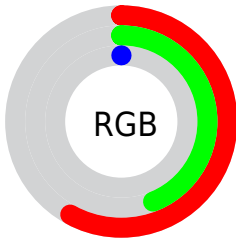
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 51, 149, 0 |
| Decimal | 9793280 |
| CIE Lab | 49.20, 6.51, 55.76 |
| CIE LCh | 49, 56.142, 83.343 |
| Yxy | 17.7584, 0.4719, 0.4635 |
| Android (android.graphics.Color) | 4287983360 (0xFF956F00) |
| YUV | 109.7080, -54.0860, 34.4591 |
| Hunter-Lab | 42.1408, 2.8322, 26.0165 |

Details

The YUV color **109.7080, -54.0860, 34.4591** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **39.2920, 54.0860, -34.4591**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1690, -49.8763, 37.5628**, and **65.3750, -32.2299, 24.2271** is the 20% darker color. If you saturate the color by 10%, you get **109.7080, -54.0860, 34.4591**, and if you desaturate by 10%, it is **113.7660, -48.6916, 30.9002**.

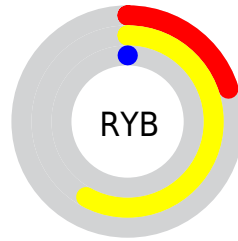
Distribution



Red (58%)

Green (44%)

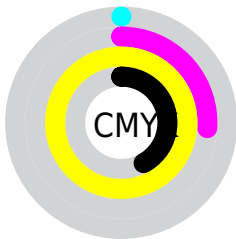
Blue (0%)



Red (20%)

Yellow (58%)

Blue (0%)

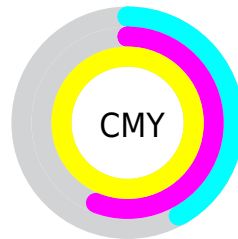


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7080, -54.0860, 34.4591 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 109.7080, -54.0860, 34.4591 by changing the saturation by 10% instead.

■ 109.7080,
-54.0860, 34.4591

■ 109.7080,
-54.0860, 34.4591

■ 255.0000, 0.0000,
0.0000

■ 87.2480, -43.0133,
29.6005

■ 164.1690,
-49.8763, 37.5628

■ 65.3750, -32.2299,
24.2271

■ 191.9520,
-50.7553, 39.5071

■ 44.3880, -21.8833,
18.9537

■ 216.8480,
-49.7181, 33.4593

■ 25.1730, -12.4103,
13.8803

■ 236.3620,
-46.0275, 16.3455


■ 2.3920, -1.1793,
4.9182

■ 245.3100,
-37.1278, 8.4981


■ 0.0000, 0.0000,
0.0000

■ 248.5020,


-24.8975, 5.6987


 251.8080,
-12.2303, 2.7994


 109.7080,
-54.0860, 34.4591

 113.7660,
-48.6916, 30.9002

 117.8240,
-43.2972, 27.3414

 121.2950,
-37.6134, 24.2973

 125.3530,
-32.2190, 20.7384

 129.4110,
-26.8246, 17.1796

■ 133.3550,
-21.8670, 13.7207

■ 137.4130,
-16.4726, 10.1618

■ 140.8840,
-10.7888, 7.1177

■ 144.9420, -5.3944,
3.5589

Harmonies

Analogous

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



112.6940, -35.8381, 61.6584



109.7080, -54.0860, 34.4591



105.8390, -46.2626, -1.6128

Triad

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



109.7080, -54.0860, 34.4591



99.0350, 26.6047, -86.8537



119.9410, 26.6511, 38.6397

Complementary

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



109.7080, -54.0860, 34.4591



39.2920, 54.0860, -34.4591

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.



115.7580, 43.9963, -18.2048



109.7080, -54.0860, 34.4591



101.2470, 45.2342, -88.7936

Square

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



109.7080, -54.0860, 34.4591



92.8620, 5.4910, -81.4400



98.1300, 56.1379, -86.0600



114.5140, 7.6346, 71.4632

Rectangle

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



109.7080, -54.0860, 34.4591



101.5930, -29.8723, -32.0921



98.1300, 56.1379, -86.0600



120.1500, 32.9571, 22.6705

Sweetspot

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



109.7080, -54.0860, 34.4591



178.5830, -20.9934, 13.5207



49.1110, -4.4917, 87.6027



87.7270, -12.6834, 8.1324



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



109.7080, -54.0860, 34.4591



142.5340, -70.2693, 45.1357



121.5490, -59.9237, -6.6205



72.0280, -2.4788, 1.7294



101.7230, -50.1494, 31.8149



7.6860, -3.7892, 2.0294

Inverse Universe

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



39.2920, 54.0860, -34.4591



50.8790, 70.5587, -44.6209



27.4510, 59.9237, 6.6205



68.3850, 2.7682, -1.2146



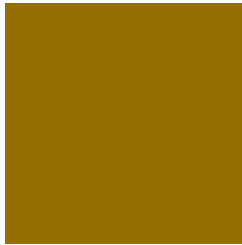
36.2770, 50.1494, -31.8149



2.9010, 3.4998, -2.5442

Previews

White Background



This preview shows how the YUV color 109.7080, -54.0860, 34.4591 looks on a white background.

Color Contrast Check

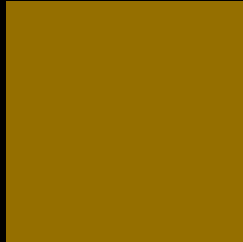
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.7080, -54.0860, 34.4591 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 × Fail

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

YUV 109.7080, -54.0860, 34.4591 Background



This preview shows how black text looks on a background with the YUV color 109.7080, -54.0860, 34.4591.



This preview shows how white text looks on a background with the YUV color 109.7080, -54.0860, 34.4591.

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

109.7080, -54.0860, 34.4591

Protanopia

109.6460, -50.1115, 19.6045

Deuteranopia

109.4090, -53.9386, 33.8443



Tritanopia

119.1610, -4.0234, 30.5538

Trichromacy



Original Color

109.7080, -54.0860, 34.4591

Protanomaly

109.3370, -51.4381, 25.1375

Deuteranomaly

109.4090, -53.9386, 33.8443

Tritanomaly

115.7640, -22.0687, 31.7790

Monochromacy



Original Color

109.7080, -54.0860, 34.4591

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6260, -19.5356, 12.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7080, -54.0860, 34.4591 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(149, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 111, 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(149, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 111, 0) }
```

Border

The CSS property to change the border of an element to YUV 109.7080, -54.0860, 34.4591 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(149, 111, 0) }
```


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

```
.border{ border-color:rgb(149, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 111,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 109.7080, -54.0860, 34.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 111, 0) }
```

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

```
.background{ background-color: rgb(149,  
111, 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](#).

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