

Converting Colors

YUV(118.7080, -54.0860,
34.4591)

Have a look what the booklet for
YUV(118.7080, -54.0860, 34.4591)
contains.

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Color

**YUV(118.7080, -54.0860,
34.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7809
RGB	158, 120, 9
RGB Percent	62%, 47%, 4%
CMY	0.3804, 0.5294, 0.9647
CMYK	0.00, 0.24, 0.94, 0.38
HSL	45°, 89%, 33%
HSV	45°, 94%, 62%
XYZ	20.8663, 20.7218, 3.1584
YIQ	118.7080, 58.2790, -26.4650

Conversions

Conversions Part 2

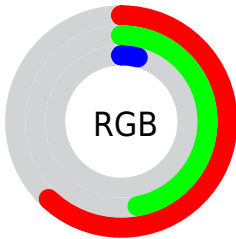
Format	Color
RYB	60, 158, 9
Decimal	10385417
CIELab	52.64, 5.75, 56.90
CIELCh	53, 57.190, 84.229
Yxy	20.7218, 0.4663, 0.4631
Android (android.graphics.Color)	4288575497 (0xFF9E7809)
YUV	118.7080, -54.0860, 34.4591
Hunter-Lab	45.5212, 2.1601, 27.7511

Details

The YUV color **118.7080, -54.0860, 34.4591** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **48.2920, 54.0860, -34.4591**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8270, -51.1867, 37.8627**, and **72.7620, -35.8717, 25.6417** is the 20% darker color. If you saturate the color by 10%, you get **116.5080, -57.4384, 36.3885**, and if you desaturate by 10%, it is **122.8800, -48.2548, 30.8002**.

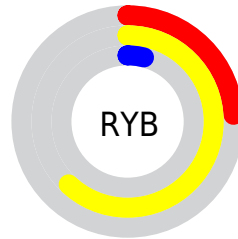
Distribution



Red (62%)

Green (47%)

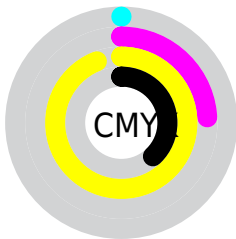
Blue (4%)



Red (24%)

Yellow (62%)

Blue (4%)

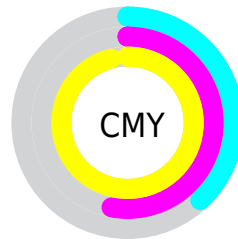


Cyan (0%)

Magenta (24%)

Yellow (94%)

Black (38%)



Cyan (38%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7080, -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 118.7080, -54.0860, 34.4591 by changing the saturation by 10% instead.

■ 118.7080,
-54.0860, 34.4591

■ 118.7080,
-54.0860, 34.4591

■ 255.0000, 0.0000,
0.0000

■ 94.3360, -46.5076,
30.4003

■ 173.8270,
-51.1867, 37.8627

■ 72.7620, -35.8717,
25.6417

■ 201.6100,
-52.0657, 39.8070

■ 51.4760, -25.3777,
19.7535

■ 223.5160,
-49.5544, 27.6115

■ 31.3750, -15.4679,
14.5801

■ 243.0300,
-45.8638, 10.4977

■ 10.1110, -4.9847,
12.1807

■ 246.1080,
-34.0702, 7.7983

■ 0.0000, 0.0000,
0.0000

■ 249.4140,

-21.4031, 4.8989

■ 252.6060, -9.1728,
2.0995

■ 118.7080,
-54.0860, 34.4591

■ 118.7080,
-54.0860, 34.4591

■ 116.5080,
-57.4384, 36.3885

■ 122.8800,
-48.2548, 30.8002

■ 127.0520,
-42.4236, 27.1414

■ 131.1100,
-37.0292, 23.5825

■ 135.2820,
-31.1980, 19.9237

■ 139.4540,
-25.3668, 16.2648

■ 143.6260,
-19.5356, 12.6060

■ 147.7980,
-13.7044, 8.9472

■ 151.8560, -8.3100,
5.3883

■ 156.0280, -2.4788,
1.7294

Harmonies

Analogous

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



121.5370, -37.7327, 62.6731



118.7080, -54.0860, 34.4591



114.9420, -45.8204, -3.4571

Triad

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



118.7080, -54.0860, 34.4591



105.6860, 29.2418, -92.6866



128.7780, 27.2244, 41.4137

Complementary

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



118.7080, -54.0860, 34.4591



48.2920, 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.



125.2960, 44.7171, -16.0456



118.7080, -54.0860, 34.4591



107.8980, 47.8713, -94.6265

Square

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



118.7080, -54.0860, 34.4591



99.8720, 6.9651, -87.5877



104.1940, 59.0644, -91.3781



123.5960, 6.6082, 74.0223

Rectangle

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



118.7080, -54.0860, 34.4591



109.6960, -29.4301, -33.9364



104.1940, 59.0644, -91.3781



129.5740, 33.2410, 24.9296

Sweetspot

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



118.7080, -54.0860, 34.4591



191.5830, -20.9934, 13.5207



58.1110, -4.4917, 87.6027



95.0260, -12.8308, 8.7472



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.



118.7080, -54.0860, 34.4591



152.2910, -75.0795, 47.9798



130.5490, -59.9237, -6.6205



76.9140, -2.9156, 1.8294



104.9790, -51.7546, 33.3444



10.9420, -5.3944, 3.5589

Inverse Universe

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



48.2920, 54.0860, -34.4591



54.7090, 75.0795, -47.9798



36.4510, 59.9237, 6.6205



73.0860, 2.9156, -1.8294



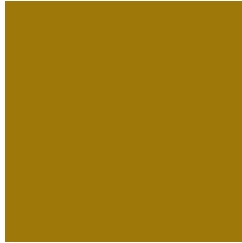
37.4340, 52.0440, -32.8296



4.0580, 5.3944, -3.5589

Previews

White Background



This preview shows how the YUV color 118.7080, -54.0860, 34.4591 looks on a white background.

Color Contrast Check

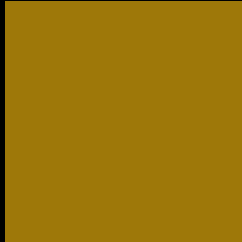
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.7080, -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 118.7080, -54.0860, 34.4591 Background



This preview shows how black text looks on a background with the YUV color 118.7080, -54.0860, 34.4591.



This preview shows how white text looks on a background with the YUV color 118.7080, -54.0860,

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

118.7080, -54.0860, 34.4591

Protanopia

117.7880, -52.1535, 21.2339

Deuteranopia

118.5340, -53.5073, 35.4887



Tritanopia

128.4600, -4.1708, 31.1686

Trichromacy



Original Color

118.7080, -54.0860, 34.4591

Protanomaly

118.2940, -52.8959, 26.0522

Deuteranomaly

118.5340, -53.5073, 35.4887

Tritanomaly

125.0630, -22.2161, 32.3937

Monochromacy



Original Color

118.7080, -54.0860, 34.4591

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.6260, -19.5356, 12.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7080, -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(158, 120, 9)` looks like.

```
.text, #text, p{  
    color:rgb(158, 120, 9)  
}
```

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(158, 120, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 120, 9) }
```

Border

The CSS property to change the border of an element to YUV 118.7080, -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(158, 120, 9) }
```


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

```
.border{ border-color:rgb(158, 120, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 120, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 120, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 120, 9);  
box-shadow:4px 4px 4px 4px rgb(158, 120,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 118.7080, -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(158, 120, 9) }
```

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

```
.background{ background-color: rgb(158,  
120, 9) }
```

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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