

Converting Colors

YUV(118.1740, -50.8648,
27.9114)

Have a look what the booklet for
YUV(118.1740, -50.8648, 27.9114)
contains.

YUV(118.1740, -50.8648, 27.9114)	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(118.1740, -50.8648,
27.9114)**

Conversions

Conversions Part 1

Format	Color
Hex	967A0F
RGB	150, 122, 15
RGB Percent	59%, 48%, 6%
CMY	0.4118, 0.5216, 0.9412
CMYK	0.00, 0.19, 0.90, 0.41
HSL	48°, 82%, 32%
HSV	48°, 90%, 59%
XYZ	19.6234, 20.4376, 3.3625
YIQ	118.1740, 51.0350, -27.3410

Conversions

Conversions Part 2

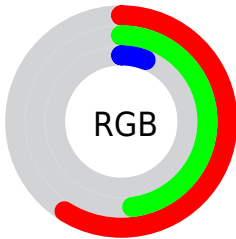
Format	Color
R_{YB}	50, 150, 15
Decimal	9861647
CIE Lab	52.33, 1.00, 55.06
CIE LCh	52, 55.069, 88.962
Yxy	20.4376, 0.4519, 0.4707
Android (android.graphics.Color)	4288051727 (0xFF967A0F)
YUV	118.1740, -50.8648, 27.9114
Hunter-Lab	45.2079, -1.6323, 27.2356

Details

The YUV color **118.1740, -50.8648, 27.9114** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **46.8260, 50.8648, -27.9114**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6520, -49.1284, 31.0002**, and **71.8430, -35.4186, 20.3087** is the 20% darker color. If you saturate the color by 10%, you get **114.7030, -56.5486, 30.9555**, and if you desaturate by 10%, it is **121.6450, -45.1810, 24.8673**.

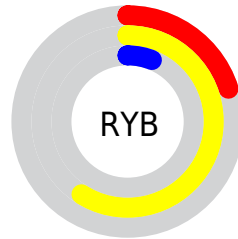
Distribution



Red (59%)

Green (48%)

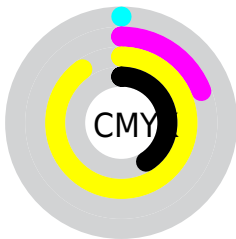
Blue (6%)



Red (20%)

Yellow (59%)

Blue (6%)

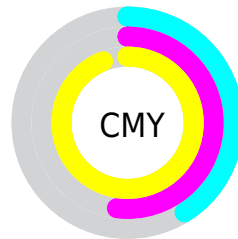


Cyan (0%)

Magenta (19%)

Yellow (90%)

Black (41%)



Cyan (41%)

Magenta (52%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1740, -50.8648, 27.9114 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 118.1740, -50.8648, 27.9114 by changing the saturation by 10% instead.

■ 118.1740,
-50.8648, 27.9114

■ 118.1740,
-50.8648, 27.9114

■ 255.0000, 0.0000,
0.0000

■ 93.4170, -46.0546,
25.0673

■ 172.6520,
-49.1284, 31.0002

■ 71.8430, -35.4186,
20.3087

■ 200.4350,
-50.0075, 32.9445

■ 50.8560, -25.0720,
15.0353

■ 224.9180,
-49.2596, 26.3819

■ 30.7550, -15.1622,
9.8619

■ 243.2580,
-44.9902, 10.2977

■ 8.5940, -4.2368,
5.6181

■ 246.4500,
-32.7599, 7.4983

■ 0.0000, 0.0000,
0.0000

■ 249.6420,

-20.5295, 4.6990

■ 252.9480, -7.8624,
1.7996

■ 118.1740,
-50.8648, 27.9114

■ 118.1740,
-50.8648, 27.9114

■ 114.7030,
-56.5486, 30.9555

■ 121.6450,
-45.1810, 24.8673

■ 125.1160,
-39.4972, 21.8233

■ 128.5870,
-33.8134, 18.7792

■ 132.0580,
-28.1296, 15.7351

■ 136.1160,
-22.7352, 12.1763

■ 139.5870,
-17.0514, 9.1322

■ 143.0580,
-11.3676, 6.0881

■ 146.5290, -5.6838,
3.0441

■ 150.0000, 0.0000,
0.0000

Harmonies

Analogous

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



121.4500, -39.1688, 56.6104



118.1740, -50.8648, 27.9114



113.8040, -39.8364, -9.4751

Triad

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



118.1740, -50.8648, 27.9114



105.5550, 31.2784, -92.5717



127.6600, 22.8456, 45.9022

Complementary

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



118.1740, -50.8648, 27.9114



46.8260, 50.8648, -27.9114

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.



126.2220, 40.3166, -4.5797



118.1740, -50.8648, 27.9114



106.7240, 48.4501, -93.5969

Square

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



118.1740, -50.8648, 27.9114



100.1970, 10.7489, -87.8728



101.9770, 58.1853, -89.4338



122.8580, 2.5350, 73.7925

Rectangle

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



118.1740, -50.8648, 27.9114



108.0310, -24.1723, -40.3692



101.9770, 58.1853, -89.4338



128.4670, 28.8568, 31.1624

Sweetspot

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



118.1740, -50.8648, 27.9114



181.5010, -19.9670, 10.9616



58.6710, -7.2328, 80.0955



89.3570, -11.5150, 6.7029



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.



118.1740, -50.8648, 27.9114



148.4040, -73.1632, 39.9877



123.2480, -53.3663, -9.8645



72.0280, -2.4788, 1.7294



105.2450, -51.8858, 28.7261



7.6860, -3.7892, 2.0294

Inverse Universe

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



46.8260, 50.8648, -27.9114



45.5960, 73.1632, -39.9877



41.7520, 53.3663, 9.8645



68.3850, 2.7682, -1.2146



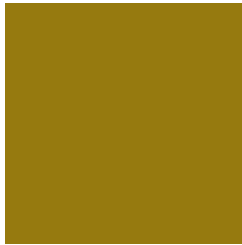
32.7550, 51.8858, -28.7261



2.3140, 3.7892, -2.0294

Previews

White Background



This preview shows how the YUV color 118.1740, -50.8648, 27.9114 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 118.1740, -50.8648, 27.9114 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 118.1740, -50.8648, 27.9114

Background



This preview shows how black text looks on a background with the YUV color 118.1740, -50.8648, 27.9114.



This preview shows how white text looks on a background with the YUV color 118.1740, -50.8648, 27.9114.

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

118.1740, -50.8648, 27.9114

Protanopia

117.3580, -49.9695, 20.7340

Deuteranopia

119.1470, -49.8655, 34.0741



Tritanopia

126.8830, -2.4073, 25.5356

Trichromacy



Original Color

118.1740, -50.8648, 27.9114

Protanomaly

117.6680, -50.1223, 23.0932

Deuteranomaly

118.7230, -50.1494, 31.8149

Tritanomaly

123.6000, -20.0158, 26.6608

Monochromacy



Original Color

118.1740, -50.8648, 27.9114

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9570, -18.2198, 10.5617

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1740, -50.8648, 27.9114 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(150, 122, 15)` looks like.

```
.text, #text, p{  
    color:rgb(150, 122, 15)  
}
```

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(150, 122, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 122, 15) }
```

Border

The CSS property to change the border of an element to YUV 118.1740, -50.8648, 27.9114 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(150, 122, 15) }
```


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

```
.border{ border-color:rgb(150, 122, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 122, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 122, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 122, 15);  
box-shadow:4px 4px 4px 4px rgb(150, 122,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 118.1740, -50.8648, 27.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 122, 15) }
```

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

```
.background{ background-color: rgb(150,  
122, 15) }
```

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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