

Converting Colors

YUV(118.4380, -54.9389,
-18.8011)

Have a look what the booklet for
YUV(118.4380, -54.9389, -18.8011)
contains.

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Color

**YUV(118.4380, -54.9389,
-18.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	619707
RGB	97, 151, 7
RGB Percent	38%, 59%, 3%
CMY	0.6196, 0.4078, 0.9725
CMYK	0.36, 0.00, 0.95, 0.41
HSL	82°, 91%, 31%
HSV	82°, 95%, 59%
XYZ	16.0347, 24.6899, 4.1215
YIQ	118.4380, 14.0400, -56.2320

Conversions

Conversions Part 2

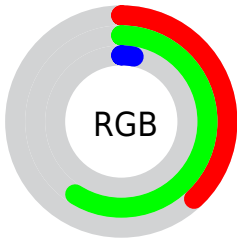
Format	Color
RYB	7, 151, 61
Decimal	6395655
CIELab	56.77, -37.40, 58.32
CIElCh	57, 69.277, 122.670
Yxy	24.6899, 0.3575, 0.5505
Android (android.graphics.Color)	4284585735 (0xFF619707)
YUV	118.4380, -54.9389, -18.8011
Hunter-Lab	49.6890, -29.3534, 29.8644

Details

The YUV color **118.4380, -54.9389, -18.8011** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **39.5620, 54.9389, 18.8011**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.6920, -50.1342, -19.9009**, and **71.2580, -35.1302, -25.6593** is the 20% darker color. If you saturate the color by 10%, you get **116.7430, -57.5543, -19.9456**, and if you desaturate by 10%, it is **121.9420, -49.2714, -16.6121**.

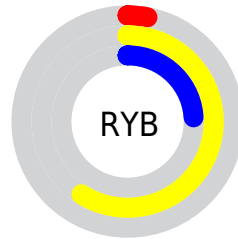
Distribution



Red (38%)

Green (59%)

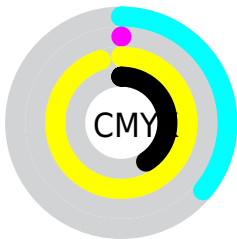
Blue (3%)



Red (3%)

Yellow (59%)

Blue (24%)

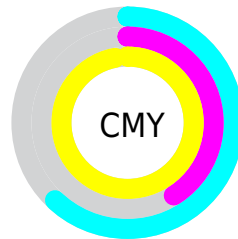


Cyan (36%)

Magenta (0%)

Yellow (95%)

Black (41%)



Cyan (62%)

Magenta (41%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4380, -54.9389, -18.8011 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 118.4380, -54.9389, -18.8011 by changing the saturation by 10% instead.

■ 118.4380,
-54.9389, -18.8011

■ 118.4380,
-54.9389, -18.8011

■ 255.0000, 0.0000,
0.0000

■ 94.0060, -46.3450,
-21.9303

■ 174.6920,
-50.1342, -19.9009

■ 71.2580, -35.1302,
-25.6593

■ 202.8770,
-50.7184, -19.1861

■ 45.2210, -22.2940,
-36.1508

■ 226.9530,
-49.2768, -14.8678

■ 30.5240, -15.0483,
-26.7695

■ 238.8160,
-41.3213, 0.1614

■ 18.1970, -8.9711,
-15.9588

■ 246.7920,
-31.4495, 7.1984

■ 0.0000, 0.0000,
0.0000

■ 250.0980,

-18.7823, 4.2991

■ 253.4040, -6.1152,
1.3997

■ 118.4380,
-54.9389, -18.8011

■ 118.4380,
-54.9389, -18.8011

■ 116.7430,
-57.5543, -19.9456

■ 121.9420,
-49.2714, -16.6121

■ 125.1470,
-43.4565, -15.0379

■ 128.6510,
-37.7889, -12.8489

■ 132.1550,
-32.1214, -10.6599

■ 135.4740,
-25.8697, -9.1857

■ 138.9780,
-20.2022, -6.9967

■ 142.4820,
-14.5346, -4.8077

■ 145.6870, -8.7197,
-3.2335

■ 149.1910, -3.0522,
-1.0445

Harmonies

Analogous

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



126.7860, -62.5055, 28.2517



118.4380, -54.9389, -18.8011



102.6980, -12.6691, -90.0661

Triad

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



118.4380, -54.9389, -18.8011



119.8610, 60.7075, -105.1181



127.7240, 2.6011, 99.3431

Complementary

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



118.4380, -54.9389, -18.8011



39.5620, 54.9389, 18.8011

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.



136.4590, 27.8747, 66.2495



118.4380, -54.9389, -18.8011



112.4240, 70.2900, -98.5958

Square

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



118.4380, -54.9389, -18.8011



118.4810, 40.1889, -103.9078



138.0840, 49.7516, 2.5573



128.4220, -26.3370, 94.3459

Rectangle

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



118.4380, -54.9389, -18.8011



109.2470, 4.8082, -95.8096



138.0840, 49.7516, 2.5573



130.0850, 11.7901, 92.0105

Sweetspot

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



118.4380, -54.9389, -18.8011



183.2230, -21.8019, -7.2116



81.1670, -36.5643, 61.2435



91.2370, -12.9348, -4.5928



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



118.4380, -54.9389, -18.8011



151.8290, -74.8517, -25.2830



97.2090, -44.4730, -62.4503



75.1910, -3.0522, -1.0445



108.4920, -53.4866, -17.9715



10.0230, -4.9413, -1.7742

Inverse Universe

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



39.5620, 54.9389, 18.8011



44.4700, 74.7043, 25.8978



60.7910, 44.4730, 62.4503



70.8090, 3.0522, 1.0445



31.8070, 53.3391, 18.5863



2.9770, 4.9413, 1.7742

Previews

White Background



This preview shows how the YUV color 118.4380, -54.9389, -18.8011 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 118.4380, -54.9389, -18.8011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

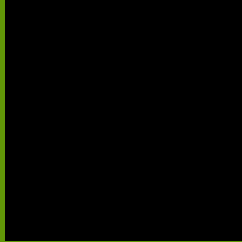
Any Text WCAG AA ✓ Pass

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 118.4380, -54.9389, -18.8011 Background



This preview shows how black text looks on a background with the YUV color 118.4380, -54.9389, -18.8011.



This preview shows how white text looks on a background with the YUV color 118.4380, -54.9389, -18.8011.

-18.8011.

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

118.4380, -54.9389, -18.8011

Protanopia

125.5790, -61.9104, 24.0482

Deuteranopia

130.2720, -49.4341, 35.7185



Tritanopia

133.2950, 9.2216, -17.7987

Trichromacy



Original Color

118.4380, -54.9389, -18.8011

Protanomaly

122.8760, -59.0989, 8.8787

Deuteranomaly

125.9830, -51.2636, 15.8009

Tritanomaly

127.8070, -14.2019, -18.2477

Monochromacy



Original Color

118.4380, -54.9389, -18.8011

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0920, -19.7654, -7.0967

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4380, -54.9389, -18.8011 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(97, 151, 7)` looks like.

```
.text, #text, p{  
    color:rgb(97, 151, 7)  
}
```

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(97, 151, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 151, 7) }
```

Border

The CSS property to change the border of an element to YUV 118.4380, -54.9389, -18.8011 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(97, 151, 7) }
```


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

```
.border{ border-color:rgb(97, 151, 7) }
```

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

Here you see how a box with a 4 pixel rgb(97, 151, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 151, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 151, 7);  
box-shadow:4px 4px 4px 4px rgb(97, 151, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 118.4380, -54.9389, -18.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 151, 7) }
```

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

```
.background{ background-color: rgb(97, 151,  
7) }
```

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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