

# Converting Colors

YUV(118.4750, -53.4782,  
119.7324)

Have a look what the booklet for  
YUV(118.4750, -53.4782, 119.7324)  
contains.

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# Color

**YUV(118.4750, -53.4782,  
119.7324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF460A
RGB	255, 70, 10
RGB Percent	100%, 27%, 4%
CMY	0.0000, 0.7255, 0.9608
CMYK	0.00, 0.73, 0.96, 0.00
HSL	15°, 100%, 52%
HSV	15°, 96%, 100%
XYZ	43.4849, 25.6622, 2.9486
YIQ	118.4750, 129.5200, 20.5600

# Conversions

## Conversions Part 2

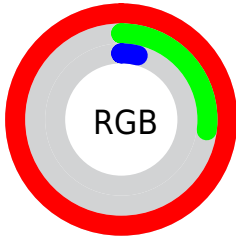
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 89, 10
Decimal	16729610
CIE <sub>Lab</sub>	57.72, 67.54, 67.04
CIE <sub>LCh</sub>	58, 95.158, 44.786
Yxy	25.6622, 0.6032, 0.3559
Android (android.graphics.Color)	4294919690 (0xFFFF460A)
YUV	118.4750, -53.4782, 119.7324
Hunter-Lab	50.6579, 64.5738, 32.0095

# Details

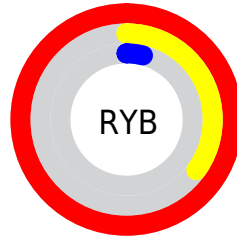
The YUV color **118.4750, -53.4782, 119.7324** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **146.5250, 53.4782, -119.7324**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3070, -45.5074, 83.0458**, and **56.5110, -27.8599, 116.1929** is the 20% darker color. If you saturate the color by 10%, you get **112.6390, -55.5310, 124.8506**, and if you desaturate by 10%, it is **132.4780, -48.0567, 107.4518**.

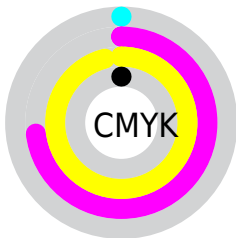
# Distribution



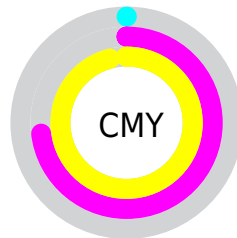
- Red (100%)
- Green (27%)
- Blue (4%)



- Red (100%)
- Yellow (35%)
- Blue (4%)



- Cyan (0%)
- Magenta (73%)
- Yellow (96%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (96%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 118.4750, -53.4782, 119.7324 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 118.4750, -53.4782, 119.7324 by changing the saturation by 10% instead.





 118.4750,  
-53.4782, 119.7324


 118.4750,  
-53.4782, 119.7324


255.0000, 0.0000,  
0.0000

 86.3360, -42.5636,  
118.9773


 160.3070,  
-45.5074, 83.0458


 56.5110, -27.8599,  
116.1929


 180.2940,  
-42.5429, 65.5172


 46.6440, -22.9955,  
95.9052


 200.3950,  
-39.1417, 47.8886

 37.0760, -18.2785,  
76.2323

 220.4960,  
-35.7405, 30.2600

 27.6220, -13.1246,  
56.4595

 241.1840,  
-32.6287, 12.1166


 19.1790, -7.9762,  
38.4310

 249.0720,


 8.4860, -3.6906,


-22.7135, 5.1989


17.1138


 252.3780,  
-10.0464, 2.2995

 0.0000, 0.0000,  
0.0000


 118.4750,  
-53.4782, 119.7324


 118.4750,  
-53.4782, 119.7324

 112.6390,  
-55.5310, 124.8506

 132.4780,  
-48.0567, 107.4518

 147.1820,  
-42.4877, 94.5564

 161.2990,  
-36.6294, 82.1758

 175.3020,  
-31.2079, 69.8951

 189.4190,  
-25.3496, 57.5145

■ 204.0090,  
-20.2174, 44.7191

■ 218.1260,  
-14.3591, 32.3385

■ 232.1290, -8.9376,  
20.0579

■ 246.2460, -3.0793,  
7.6773

# Harmonies

## Analogous

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



87.8730, 6.9646, 146.5704



118.4750, -53.4782, 119.7324



130.5500, -64.3611, 63.5387

# Triad

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



118.4750, -53.4782, 119.7324



110.1640, -9.4479, -96.6138



108.9020, 72.0263, -95.5071

# Complementary

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



118.4750, -53.4782, 119.7324



146.5250, 53.4782, -119.7324

# 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.



123.5770, 64.7915, -108.3770



118.4750, -53.4782, 119.7324



121.9570, 28.1222, -106.9563

# Square

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



118.4750, -53.4782, 119.7324



95.6810, -47.1707, -83.9122



129.4470, 61.8976, -113.5250



138.4110, 57.4784, 44.3666



# Rectangle

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



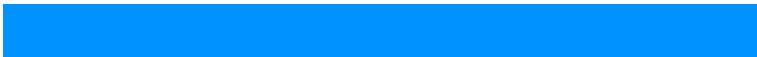
118.4750, -53.4782, 119.7324



129.1230, -63.6576, 24.4481



129.4470, 61.8976, -113.5250



114.7720, 69.1324, -100.6550

# Sweetspot

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



118.4750, -53.4782, 119.7324



213.6920, -16.1172, 36.2271



104.6870, 46.0033, 131.8245



102.9120, -9.8166, 22.0022



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



118.4750, -53.4782, 119.7324



112.6390, -55.5310, 124.8506



188.9150, -88.2051, 57.9565



120.6480, -2.7845, 6.4477



84.6980, -41.7561, 93.2269



28.5280, -14.0643, 31.1089

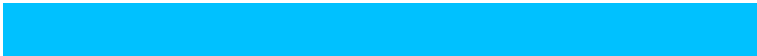


# Inverse Universe

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



146.5250, 53.4782, -119.7324



142.3610, 55.5310, -124.8506



76.0850, 88.2051, -57.9565



121.7650, 3.0739, -5.9329



106.3020, 41.7561, -93.2269



35.4720, 14.0643, -31.1089



# Previews

## White Background



This preview shows how the YUV color 118.4750, -53.4782, 119.7324 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 118.4750, -53.4782, 119.7324 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 118.4750, -53.4782, 119.7324 Background



This preview shows how black text looks on a background with the YUV color 118.4750, -53.4782, 119.7324.



This preview shows how white text looks on a background with the YUV color 118.4750, -53.4782, 119.7324.



# 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

118.4750, -53.4782, 119.7324

### Protanopia

131.7710, -49.6801, 21.2488

### Deuteranopia

129.8090, -63.9958, 39.6325



## Tritanopia

123.4400, -26.8389, 115.3781

# Trichromacy



## Original Color

118.4750, -53.4782, 119.7324

## Protanomaly

126.9480, -51.2464, 57.0506

## Deuteranomaly

125.4350, -59.8675, 68.9015

## Tritanomaly

121.6330, -36.3011, 116.9629

# Monochromacy



## Original Color

118.4750, -53.4782, 119.7324

## Achromatopsia

118.0000, 0.0000, 0.0000

## Achromatomaly

118.5250, -19.4858, 43.3896

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.4750, -53.4782, 119.7324 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(255, 70, 10)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 10)  
}
```

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(255, 70, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 10) }
```

## Border

The CSS property to change the border of an element to YUV 118.4750, -53.4782, 119.7324 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(255, 70, 10) }
```



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

```
.border{ border-color:rgb(255, 70, 10) }
```

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

Here you see how a box with a 4 pixel rgb(255, 70, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 10);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
10) }
```

# Background

The CSS property to change the background color of an element to YUV 118.4750, -53.4782, 119.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 10) }
```

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

```
.background{ background-color: rgb(255, 70,  
10) }
```

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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