

Converting Colors

YUV(166.9510, -59.1358,
67.5720)

Have a look what the booklet for
YUV(166.9510, -59.1358, 67.5720)
contains.

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Color

**YUV(166.9510, -59.1358,
67.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	F4972F
RGB	244, 151, 47
RGB Percent	96%, 59%, 18%
CMY	0.0431, 0.4078, 0.8157
CMYK	0.00, 0.38, 0.81, 0.04
HSL	32°, 90%, 57%
HSV	32°, 81%, 96%
XYZ	48.8879, 41.5715, 8.1368
YIQ	166.9510, 88.8120, -12.6280

Conversions

Conversions Part 2

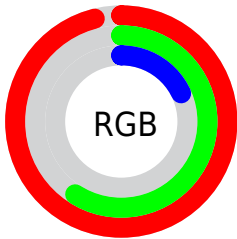
Format	Color
R _Y B	223, 244, 47
Decimal	16029487
CIE Lab	70.57, 27.45, 65.02
CIE LCh	71, 70.580, 67.116
Yxy	41.5715, 0.4958, 0.4216
Android (android.graphics.Color)	4294219567 (0xFFFF4972F)
YUV	166.9510, -59.1358, 67.5720
Hunter-Lab	64.4760, 22.5118, 37.6509

Details

The YUV color **166.9510, -59.1358, 67.5720** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **124.0490, 59.1358, -67.5720**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6810, -53.0867, 40.6218**, and **113.1180, -55.7672, 60.4095** is the 20% darker color. If you saturate the color by 10%, you get **157.1710, -66.1463, 76.1490**, and if you desaturate by 10%, it is **176.7310, -52.1254, 58.9949**.

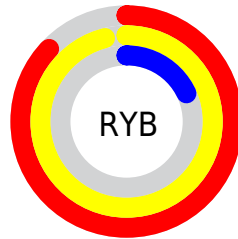
Distribution



Red (96%)

Green (59%)

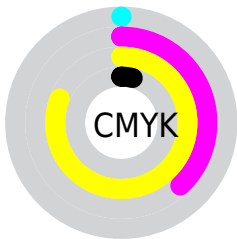
Blue (18%)



Red (87%)

Yellow (96%)

Blue (18%)

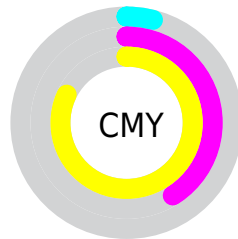


Cyan (0%)

Magenta (38%)

Yellow (81%)

Black (4%)



Cyan (4%)

Magenta (41%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9510, -59.1358, 67.5720 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 166.9510, -59.1358, 67.5720 by changing the saturation by 10% instead.

166.9510,
-59.1358, 67.5720

166.9510,
-59.1358, 67.5720

255.0000, 0.0000,
0.0000

138.5440,
-61.8932, 65.2979

208.6810,
-53.0867, 40.6218

113.1180,
-55.7672, 60.4095

228.1950,
-49.3961, 23.5080

89.4730, -44.1102,
54.8362

243.7140,
-43.2430, 9.8978

67.0020, -33.0320,
48.2332

246.9060,
-31.0127, 7.0984

44.5310, -21.9538,
41.6303

250.0980,
-18.7823, 4.2991

22.0710, -10.8810,
36.7717

253.4040, -6.1152,

12.6720, -5.7543,

1.3997

25.7207

■ 0.0000, 0.0000,
0.0000

■ 166.9510,
-59.1358, 67.5720

■ 166.9510,
-59.1358, 67.5720

■ 157.1710,
-66.1463, 76.1490

■ 176.7310,
-52.1254, 58.9949

■ 148.6790,
-73.2987, 83.5965

■ 186.0380,
-44.3887, 50.8327


■ 195.8180,
-37.3783, 42.2556


■ 205.1250,
-29.6416, 34.0934

■ 214.9050,
-22.6312, 25.5163

 224.0980,
-15.3313, 17.4541

 233.9920, -7.8841,
8.7770

 243.1850, -0.5842,
0.7148

 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



160.2050, -30.6671, 83.1352



166.9510, -59.1358, 67.5720



162.1140, -70.0622, 25.3330

Triad

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



166.9510, -59.1358, 67.5720



140.4790, 22.9349, -123.2001



174.5390, 39.6673, 17.0673

Complementary

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



166.9510, -59.1358, 67.5720



124.0490, 59.1358, -67.5720

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.



142.5590, 55.4334, -93.4522



166.9510, -59.1358, 67.5720



146.3730, 50.5951, -128.3691

Square

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



166.9510, -59.1358, 67.5720



131.0800, -5.4624, -114.9572



142.3610, 55.5310, -124.8506



172.8080, 25.2377, 72.0824

Rectangle

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



166.9510, -59.1358, 67.5720



158.4500, -56.4238, -9.1646



142.3610, 55.5310, -124.8506



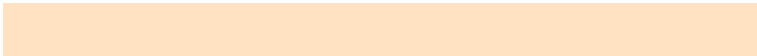
169.9550, 41.9272, -7.8535

Sweetspot

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



166.9510, -59.1358, 67.5720



231.0230, -18.2523, 21.0278



116.7330, 12.4566, 111.6132



113.2160, -10.9525, 12.9656



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.



166.9510, -59.1358, 67.5720



158.1630, -74.0304, 84.9260



220.6450, -85.6070, 17.8513



117.6970, -3.7946, 3.7737



113.1400, -55.7780, 63.8982



35.8380, -17.6681, 20.3131

Inverse Universe

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



124.0490, 59.1358, -67.5720



104.2500, 74.3197, -84.4112



70.3550, 85.6070, -17.8513



114.8900, 3.5052, -4.2885



72.8600, 55.7780, -63.8982



23.1620, 17.6681, -20.3131

Previews

White Background



This preview shows how the YUV color 166.9510, -59.1358, 67.5720 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 166.9510, -59.1358, 67.5720 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 ✓ Pass

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

YUV 166.9510, -59.1358, 67.5720 Background



This preview shows how black text looks on a background with the YUV color 166.9510, -59.1358, 67.5720.



This preview shows how white text looks on a background with the YUV color 166.9510, -59.1358,

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

166.9510, -59.1358, 67.5720

Protanopia

165.5990, -55.5113, 24.9077

Deuteranopia

166.1240, -61.6861, 45.4953



Tritanopia

174.4320, -11.5520, 65.3961

Trichromacy



Original Color

166.9510, -59.1358, 67.5720

Protanomaly

166.0570, -56.7231, 40.2920

Deuteranomaly

166.1080, -60.6922, 53.4023

Tritanomaly

171.8500, -29.0130, 65.9066

Monochromacy



Original Color

166.9510, -59.1358, 67.5720

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8340, -21.6102, 24.7016

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9510, -59.1358, 67.5720 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(244, 151, 47)` looks like.

```
.text, #text, p{  
    color:rgb(244, 151, 47)  
}
```

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(244, 151, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 151, 47) }
```

Border

The CSS property to change the border of an element to YUV 166.9510, -59.1358, 67.5720 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(244, 151, 47) }
```


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

```
.border{ border-color:rgb(244, 151, 47) }
```

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

Here you see how a box with a 4 pixel rgb(244, 151, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 151, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 151, 47);  
box-shadow:4px 4px 4px 4px rgb(244, 151,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 166.9510, -59.1358, 67.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 151, 47) }
```

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

```
.background{ background-color: rgb(244,  
151, 47) }
```

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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