

Converting Colors

YUV(169.9510, -59.1358,
67.5720)

Have a look what the booklet for
YUV(169.9510, -59.1358, 67.5720)
contains.

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Color

**YUV(169.9510, -59.1358,
67.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	F79A32
RGB	247, 154, 50
RGB Percent	97%, 60%, 20%
CMY	0.0314, 0.3961, 0.8039
CMYK	0.00, 0.38, 0.80, 0.03
HSL	32°, 92%, 58%
HSV	32°, 80%, 97%
XYZ	50.4891, 43.1156, 8.6787
YIQ	169.9510, 88.8120, -12.6280

Conversions

Conversions Part 2

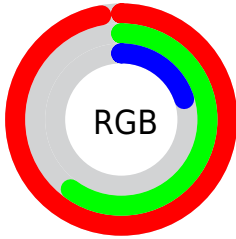
Format	Color
R _Y B	226, 247, 50
Decimal	16226866
CIE Lab	71.63, 27.21, 65.02
CIE LCh	72, 70.484, 67.292
Yxy	43.1156, 0.4936, 0.4215
Android (android.graphics.Color)	4294416946 (0xFF79A32)
YUV	169.9510, -59.1358, 67.5720
Hunter-Lab	65.6625, 22.3425, 38.1273

Details

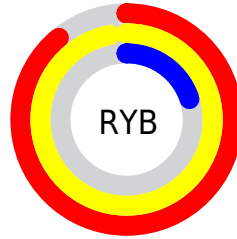
The YUV color **169.9510, -59.1358, 67.5720** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **127.0490, 59.1358, -67.5720**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7840, -52.6445, 38.7774**, and **115.1890, -56.7882, 61.2242** is the 20% darker color. If you saturate the color by 10%, you get **160.0570, -66.5831, 76.2490**, and if you desaturate by 10%, it is **179.8450, -51.6886, 58.8949**.

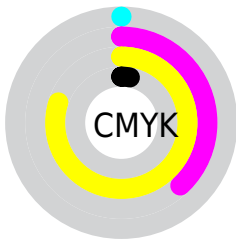
Distribution



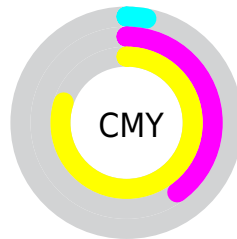
- Red (97%)
- Green (60%)
- Blue (20%)



- Red (89%)
- Yellow (97%)
- Blue (20%)



- Cyan (0%)
- Magenta (38%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9510, -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 169.9510, -59.1358, 67.5720 by changing the saturation by 10% instead.

169.9510,
-59.1358, 67.5720

169.9510,
-59.1358, 67.5720

255.0000, 0.0000,
0.0000

141.7720,
-61.0196, 65.0980

210.7840,
-52.6445, 38.7774

115.1890,
-56.7882, 61.2242

230.2980,
-48.9539, 21.6637

91.8320, -45.2732,
54.5213

244.0560,
-41.9326, 9.5979

69.0730, -34.0530,
49.0480

247.2480,
-29.7023, 6.7985

46.6020, -22.9748,
42.4450

250.4400,
-17.4719, 3.9991

24.7290, -12.1914,
37.0717

253.8600, -4.3680,

12.8570, -6.3385,

0.9998

26.4354

■ 0.0000, 0.0000,
0.0000

■ 169.9510,
-59.1358, 67.5720

■ 169.9510,
-59.1358, 67.5720

■ 160.0570,
-66.5831, 76.2490

■ 179.8450,
-51.6886, 58.8949

■ 150.8640,
-73.8830, 84.3113

■ 189.0380,
-44.3887, 50.8327

■ 150.1630,
-74.0304, 84.9260

■ 198.9320,
-36.9415, 42.1556

■ 208.8260,
-29.4942, 33.4786

■ 218.1330,
-21.7576, 25.3164

227.9130,
-14.7471, 16.7393

237.8070, -7.2999,
8.0623

247.1140, 0.4368,
-0.1000

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



162.8950, -30.5142, 80.7761



169.9510, -59.1358, 67.5720



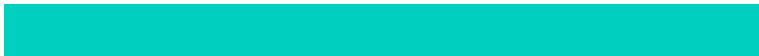
164.8690, -68.4624, 25.5479

Triad

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



169.9510, -59.1358, 67.5720



142.5820, 23.3771, -125.0444



176.9090, 38.4989, 18.4968

Complementary

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



169.9510, -59.1358, 67.5720



127.0490, 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.



147.9080, 52.7964, -87.6193



169.9510, -59.1358, 67.5720



148.4760, 51.0373, -130.2135

Square

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



169.9510, -59.1358, 67.5720



133.1830, -5.0202, -116.8015



143.5350, 54.9522, -125.8802



174.7970, 25.2431, 70.3380

Rectangle

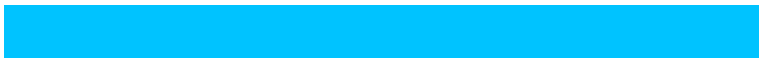
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169.9510, -59.1358, 67.5720



161.2650, -55.8396, -9.8794



143.5350, 54.9522, -125.8802



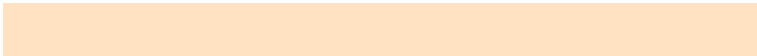
172.6130, 40.6168, -7.5536

Sweetspot

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



169.9510, -59.1358, 67.5720



231.0230, -18.2523, 21.0278



119.7330, 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.



169.9510, -59.1358, 67.5720



158.9780, -73.4462, 84.2113



223.6450, -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.



127.0490, 59.1358, -67.5720



106.0220, 73.4462, -84.2113



73.3550, 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 169.9510, -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 169.9510, -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 169.9510, -59.1358, 67.5720

Background



This preview shows how black text looks on a background with the YUV color 169.9510, -59.1358, 67.5720.



This preview shows how white text looks on a background with the YUV color 169.9510, -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

169.9510, -59.1358, 67.5720

Protanopia

168.5990, -55.5113, 24.9077

Deuteranopia

169.2380, -61.2493, 45.3953



Tritanopia

177.8450, -11.2626, 65.9109

Trichromacy



Original Color

169.9510, -59.1358, 67.5720

Protanomaly

169.0570, -56.7231, 40.2920

Deuteranomaly

169.2220, -60.2554, 53.3023

Tritanomaly

175.2630, -28.7237, 66.4213

Monochromacy



Original Color

169.9510, -59.1358, 67.5720

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8340, -21.6102, 24.7016

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9510, -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(247, 154, 50)` looks like.

```
.text, #text, p{  
    color:rgb(247, 154, 50)  
}
```

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(247, 154, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 154, 50) }
```

Border

The CSS property to change the border of an element to YUV 169.9510, -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(247, 154, 50) }
```


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

```
.border{ border-color:rgb(247, 154, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 154, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 154, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 154, 50);  
box-shadow:4px 4px 4px 4px rgb(247, 154,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 169.9510, -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(247, 154, 50) }
```

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

```
.background{ background-color: rgb(247,  
154, 50) }
```

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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