

Converting Colors

YUV(109.8000, -49.6944,
119.4474)

Have a look what the booklet for
YUV(109.8000, -49.6944, 119.4474)
contains.

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Color

**YUV(109.8000, -49.6944,
119.4474)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F63C09 |
| RGB | 246, 60, 9 |
| RGB Percent | 96%, 24%, 4% |
| CMY | 0.0353, 0.7647, 0.9647 |
| CMYK | 0.00, 0.76, 0.96, 0.04 |
| HSL | 13°, 93%, 50% |
| HSV | 13°, 96%, 96% |
| XYZ | 39.6712, 22.8443, 2.5769 |
| YIQ | 109.8000, 127.2270, 23.5710 |

Conversions

Conversions Part 2

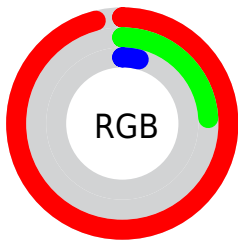
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 246, 74, 9 |
| Decimal | 16137225 |
| CIE _{Lab} | 54.91, 68.01, 64.84 |
| CIE _{LCh} | 55, 93.967, 43.632 |
| Yxy | 22.8443, 0.6095, 0.3510 |
| Android (android.graphics.Color) | 4294327305 (0xFFFF63C09) |
| YUV | 109.8000, -49.6944, 119.4474 |
| Hunter-Lab | 47.7957, 64.5155, 30.2603 |

Details

The YUV color **109.8000, -49.6944, 119.4474** 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 **145.2000, 49.6944, -119.4474**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7960, -43.7764, 87.8789**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **104.6650, -51.5998, 123.9508**, and if you desaturate by 10%, it is **123.8030, -44.2729, 107.1668**.

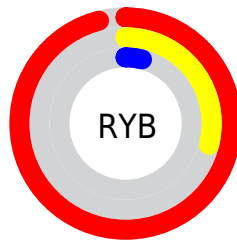
Distribution



Red (96%)

Green (24%)

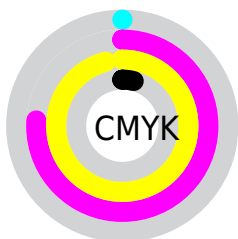
Blue (4%)



Red (96%)

Yellow (29%)

Blue (4%)

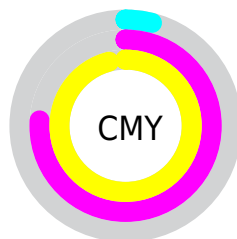


Cyan (0%)

Magenta (76%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (76%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.8000, -49.6944, 119.4474 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 109.8000, -49.6944, 119.4474 by changing the saturation by 10% instead.


 109.8000,
-49.6944, 119.4474


 109.8000,
-49.6944, 119.4474


255.0000, 0.0000,
0.0000

 74.2530, -36.6067,
121.6811


 154.7960,
-43.7764, 87.8789


 53.8200, -26.5333,
110.6599


 174.7830,
-40.8120, 70.3503


 43.9530, -21.6688,
90.3722


 194.7700,
-37.8476, 52.8217

 34.3850, -16.9518,
70.6994

 215.4580,
-34.7358, 34.6783

 25.3440, -11.5086,
51.4413

 235.5590,
-31.3346, 17.0498


 16.3740, -7.0864,
32.9980

 248.7300,


 2.3920, -1.1793,

-24.0239, 5.4988


4.9182


 252.0360,
-11.3567, 2.5994


 0.0000, 0.0000,
0.0000


 109.8000,
-49.6944, 119.4474


 109.8000,
-49.6944, 119.4474


 104.6650,
-51.5998, 123.9508

 123.8030,
-44.2729, 107.1668

 138.2790,
-39.5775, 94.4713

 152.2820,
-34.1560, 82.1907

 166.1710,
-29.1713, 70.0100

 180.7610,
-24.0392, 57.2146

■ 194.7640,
-18.6177, 44.9340

■ 208.6530,
-13.6329, 32.7533

■ 222.6560, -8.2114,
20.4727

■ 237.1320, -3.5161,
7.7772

Harmonies

Analogous

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



87.5310, 5.6542, 146.8703



109.8000, -49.6944, 119.4474



123.7610, -61.0142, 63.3536

Triad

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



109.8000, -49.6944, 119.4474



104.4420, -11.0639, -91.5956



105.3800, 73.7627, -92.4183

Complementary

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



109.8000, -49.6944, 119.4474



145.2000, 49.6944, -119.4474

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.



119.4680, 66.8173, -104.7734



109.8000, -49.6944, 119.4474



115.4200, 25.9219, -101.2233

Square

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



109.8000, -49.6944, 119.4474



90.9850, -44.8556, -79.7938



123.4970, 59.4080, -108.3069



131.7200, 58.8050, 38.8336

Rectangle

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



109.8000, -49.6944, 119.4474



122.9320, -60.6055, 25.4926



123.4970, 59.4080, -108.3069



111.2500, 70.8688, -97.5662

Sweetspot

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



109.8000, -49.6944, 119.4474



212.5180, -15.5384, 37.2567



101.5230, 48.0562, 126.7063



101.7380, -9.2378, 23.0318



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.



109.8000, -49.6944, 119.4474



108.5300, -53.5053, 128.4542



177.3050, -82.9744, 60.2455



115.3490, -2.6371, 5.8329



79.0940, -38.9933, 93.7566



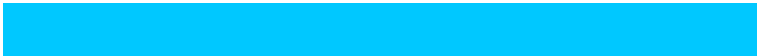
25.2720, -12.4591, 29.5795

Inverse Universe

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



145.2000, 49.6944, -119.4474



146.4700, 53.5053, -128.4542



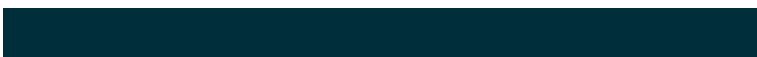
77.6950, 82.9744, -60.2455



117.2380, 2.3477, -6.3477



106.9060, 38.9933, -93.7566



33.7280, 12.4591, -29.5795

Previews

White Background



This preview shows how the YUV color 109.8000, -49.6944, 119.4474 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 109.8000, -49.6944, 119.4474 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 109.8000, -49.6944, 119.4474 Background



This preview shows how black text looks on a background with the YUV color 109.8000, -49.6944, 119.4474.



This preview shows how white text looks on a background with the YUV color 109.8000, -49.6944, 119.4474.

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

109.8000, -49.6944, 119.4474

Protanopia

125.1560, -46.9119, 20.0342

Deuteranopia

123.0090, -60.6434, 37.7031



Tritanopia

113.2230, -27.7179, 117.3224

Trichromacy



Original Color

109.8000, -49.6944, 119.4474

Protanomaly

119.7460, -48.1888, 56.3508

Deuteranomaly

117.9340, -56.6625, 67.5869

Tritanomaly

111.8720, -35.4329, 118.5073

Monochromacy



Original Color

109.8000, -49.6944, 119.4474

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8670, -18.1754, 43.0896

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8000, -49.6944, 119.4474 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(246, 60, 9)` looks like.

```
.text, #text, p{  
    color:rgb(246, 60, 9)  
}
```

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(246, 60, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 60, 9) }
```

Border

The CSS property to change the border of an element to YUV 109.8000, -49.6944, 119.4474 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(246, 60, 9) }
```


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

```
.border{ border-color:rgb(246, 60, 9) }
```

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

Here you see how a box with a 4 pixel rgb(246, 60, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 60, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 60, 9);  
box-shadow:4px 4px 4px 4px rgb(246, 60, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 109.8000, -49.6944, 119.4474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 60, 9) }
```

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

```
.background{ background-color: rgb(246, 60,  
9) }
```

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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