

Converting Colors

YUV(120.1690, -49.3833,
112.9848)

Have a look what the booklet for
YUV(120.1690, -49.3833, 112.9848)
contains.

YUV(120.1690, -49.3833, 112.9848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.1690, -49.3833,
112.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	F94A14
RGB	249, 74, 20
RGB Percent	98%, 29%, 8%
CMY	0.0235, 0.7098, 0.9216
CMYK	0.00, 0.70, 0.92, 0.02
HSL	14°, 95%, 53%
HSV	14°, 92%, 98%
XYZ	41.6420, 25.0878, 3.3095
YIQ	120.1690, 121.6340, 20.3060

Conversions

Conversions Part 2

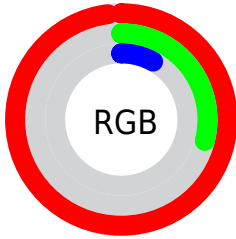
Format	Color
R_{YB}	249, 91, 20
Decimal	16337428
CIE Lab	57.16, 64.40, 63.72
CIE LCh	57, 90.601, 44.696
Yxy	25.0878, 0.5946, 0.3582
Android (android.graphics.Color)	4294527508 (0xFFFF94A14)
YUV	120.1690, -49.3833, 112.9848
Hunter-Lab	50.0877, 60.7479, 31.1439

Details

The YUV color **120.1690, -49.3833, 112.9848** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **148.8310, 49.3833, -112.9848**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1650, -43.4653, 81.4163**, and **54.7170, -26.9755, 112.5042** is the 20% darker color. If you saturate the color by 10%, you get **109.0840, -53.7784, 122.7063**, and if you desaturate by 10%, it is **134.1720, -43.9618, 100.7042**.

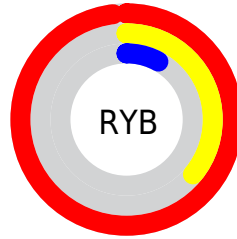
Distribution



Red (98%)

Green (29%)

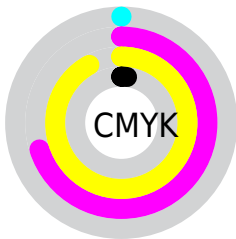
Blue (8%)



Red (98%)

Yellow (36%)

Blue (8%)

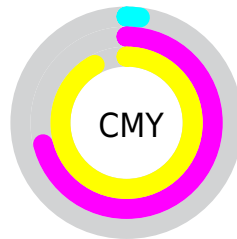


Cyan (0%)

Magenta (70%)

Yellow (92%)

Black (2%)



Cyan (2%)


Magenta (71%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.1690, -49.3833, 112.9848 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 120.1690, -49.3833, 112.9848 by changing the saturation by 10% instead.


 120.1690,
-49.3833, 112.9848


 120.1690,
-49.3833, 112.9848


255.0000, 0.0000,
0.0000


 88.6510, -43.7049,
111.6851


 162.1650,
-43.4653, 81.4163


 54.7170, -26.9755,
112.5042


 182.1520,
-40.5009, 63.8877


 45.1490, -22.2585,
92.8313


 202.1390,
-37.5365, 46.3591

 35.5810, -17.5414,
73.1585

 222.2400,
-34.1353, 28.7305

 26.4260, -12.5350,
54.0004

 242.9280,
-31.0235, 10.5871


 17.8690, -7.8234,
36.0719

 249.6420,


 5.9800, -2.9481,


-20.5295, 4.6990

12.2955


 252.9480, -7.8624,
1.7996

 0.0000, 0.0000,
0.0000


 120.1690,
-49.3833, 112.9848


 120.1690,
-49.3833, 112.9848


 109.0840,
-53.7784, 122.7063

 134.1720,
-43.9618, 100.7042

 148.1750,
-38.5403, 88.4235

 162.1780,
-33.1188, 76.1429

 176.1810,
-27.6972, 63.8623

 190.1840,
-22.2757, 51.5816

■ 204.0730,
-17.2910, 39.4010

■ 218.0760,
-11.8695, 27.1203

■ 232.0790, -6.4479,
14.8397

■ 246.0820, -1.0264,
2.5591

Harmonies

Analogous

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



87.9870, 7.4014, 146.4704



120.1690, -49.3833, 112.9848



129.3540, -63.7715, 61.0795

Triad

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



120.1690, -49.3833, 112.9848



109.1040, -8.4323, -95.6842



108.3150, 72.3157, -94.9923

Complementary

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



120.1690, -49.3833, 112.9848



148.8310, 49.3833, -112.9848

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.



121.8160, 65.6597, -106.8326



120.1690, -49.3833, 112.9848



119.7400, 27.2432, -105.0120

Square

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



120.1690, -49.3833, 112.9848



94.5070, -46.5920, -82.8826



126.8880, 59.7082, -111.2808



138.5200, 55.4526, 40.7630

Rectangle

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



120.1690, -49.3833, 112.9848



127.6500, -62.9315, 24.8629



126.8880, 59.7082, -111.2808



113.5980, 69.7112, -99.6254

Sweetspot

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



120.1690, -49.3833, 112.9848



214.6210, -15.0962, 35.4124



108.5350, 43.1202, 123.1878



103.0260, -9.3798, 21.9022



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.



120.1690, -49.3833, 112.9848



111.4650, -54.9522, 125.8802



187.0870, -82.3739, 54.2977



117.6480, -2.7845, 6.4477



82.3390, -40.5931, 93.5417



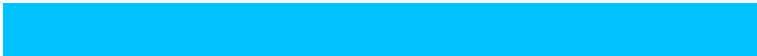
26.4570, -13.0433, 30.2942

Inverse Universe

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



148.8310, 49.3833, -112.9848



143.5350, 54.9522, -125.8802



81.9130, 82.3739, -54.2977



119.3520, 2.7845, -6.4477



106.0740, 40.8825, -93.0269



34.5430, 13.0433, -30.2942

Previews

White Background



This preview shows how the YUV color 120.1690, -49.3833, 112.9848 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 120.1690, -49.3833, 112.9848 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 120.1690, -49.3833, 112.9848 Background



This preview shows how black text looks on a background with the YUV color 120.1690, -49.3833, 112.9848.



This preview shows how white text looks on a background with the YUV color 120.1690, -49.3833, 112.9848.

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

120.1690, -49.3833, 112.9848

Protanopia

131.1560, -46.9119, 20.0342

Deuteranopia

128.9230, -63.5590, 39.5325



Tritanopia

123.4610, -25.3703, 110.9747

Trichromacy



Original Color

120.1690, -49.3833, 112.9848

Protanomaly

127.4360, -48.0359, 53.9916

Deuteranomaly

125.4670, -58.4042, 66.2424

Tritanomaly

122.4690, -34.2482, 111.8447

Monochromacy



Original Color

120.1690, -49.3833, 112.9848

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9700, -17.7332, 41.2453

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1690, -49.3833, 112.9848 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(249, 74, 20)` looks like.

```
.text, #text, p{  
    color:rgb(249, 74, 20)  
}
```

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(249, 74, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 74, 20) }
```

Border

The CSS property to change the border of an element to YUV 120.1690, -49.3833, 112.9848 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(249, 74, 20) }
```


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

```
.border{ border-color:rgb(249, 74, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 74, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 74, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 74, 20);  
box-shadow:4px 4px 4px 4px rgb(249, 74,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 120.1690, -49.3833, 112.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 74, 20) }
```

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

```
.background{ background-color: rgb(249, 74,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor