

Converting Colors

YUV(119.9110, -58.1301,
118.4731)

Have a look what the booklet for
YUV(119.9110, -58.1301, 118.4731)
contains.

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Color

**YUV(119.9110, -58.1301,
118.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A02
RGB	255, 74, 2
RGB Percent	100%, 29%, 1%
CMY	0.0000, 0.7098, 0.9922
CMYK	0.00, 0.71, 0.99, 0.00
HSL	17°, 100%, 50%
HSV	17°, 99%, 100%
XYZ	43.6997, 26.1619, 2.8040
YIQ	119.9110, 130.9880, 15.9800

Conversions

Conversions Part 2

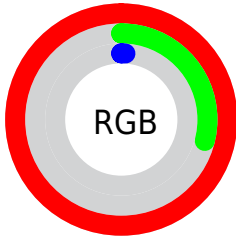
Format	Color
R_{YB}	255, 103, 2
Decimal	16730626
CIE _{Lab}	58.19, 66.12, 68.85
CIE _{LCh}	58, 95.461, 46.160
Yxy	26.1619, 0.6014, 0.3600
Android (android.graphics.Color)	4294920706 (0xFFFF4A02)
YUV	119.9110, -58.1301, 118.4731
Hunter-Lab	51.1487, 62.9940, 32.5539

Details

The YUV color **119.9110, -58.1301, 118.4731** 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 **137.0890, 58.1301, -118.4731**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7260, -47.6859, 81.8013**, and **56.5110, -27.8599, 116.1929** is the 20% darker color. If you saturate the color by 10%, you get **119.0960, -58.7143, 119.1878**, and if you desaturate by 10%, it is **133.3270, -52.4192, 106.7072**.

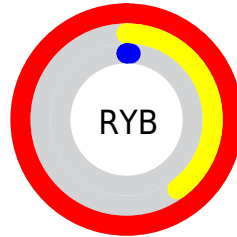
Distribution



Red (100%)

Green (29%)

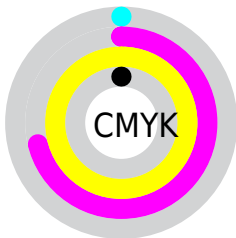
Blue (1%)



Red (100%)

Yellow (40%)

Blue (1%)

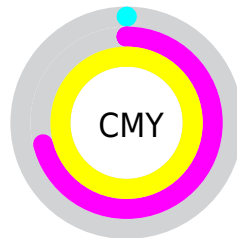


Cyan (0%)

Magenta (71%)

Yellow (99%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.9110, -58.1301, 118.4731 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 119.9110, -58.1301, 118.4731 by changing the saturation by 10% instead.


 119.9110,
-58.1301, 118.4731


 119.9110,
-58.1301, 118.4731


255.0000, 0.0000,
0.0000


 89.8580, -44.3000,
115.8885


 161.7260,
-47.6859, 81.8013


 56.5110, -27.8599,
116.1929


 181.7130,
-44.7215, 64.2727


 46.6440, -22.9955,
95.9052


 201.8140,
-41.3203, 46.6441

 37.0760, -18.2785,
76.2323

 221.9150,
-37.9191, 29.0155

 27.6220, -13.1246,
56.4595

 242.6030,
-34.8073, 10.8722


 19.4780, -8.1237,
39.0458

 248.8440,


 8.7850, -3.8380,


-23.5871, 5.3988

17.7286


 252.0360,
-11.3567, 2.5994

 0.0000, 0.0000,
0.0000


 119.9110,
-58.1301, 118.4731

 119.9110,
-58.1301, 118.4731

 119.0960,
-58.7143, 119.1878

 133.3270,
-52.4192, 106.7072

 146.8570,
-46.2715, 94.8414

 160.9740,
-40.4132, 82.4608

 174.3900,
-34.7023, 70.6950

 187.9200,
-28.5546, 58.8292

■ 201.3360,
-22.8436, 47.0633

■ 215.3390,
-17.4221, 34.7827

■ 228.8690,
-11.2744, 22.9169

■ 242.3990, -5.1267,
11.0511

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



119.9110, -58.1301, 118.4731



131.7130, -64.9345, 60.7647

Triad

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



119.9110, -58.1301, 118.4731



112.0220, -7.4058, -98.2433



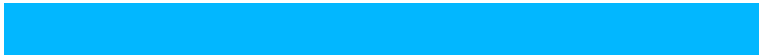
108.9020, 72.0263, -95.5071

Complementary

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



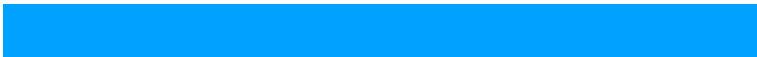
119.9110, -58.1301, 118.4731



137.0890, 58.1301, -118.4731

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



119.9110, -58.1301, 118.4731



123.1140, 30.0168, -107.9710

Square

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



119.9110, -58.1301, 118.4731



96.8550, -47.7495, -84.9418



130.0340, 61.6082, -114.0398



139.6180, 56.8833, 48.5700

Rectangle

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



119.9110, -58.1301, 118.4731



129.6990, -63.9416, 22.1890



130.0340, 61.6082, -114.0398



114.7720, 69.1324, -100.6550

Sweetspot

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



119.9110, -58.1301, 118.4731



214.0510, -17.2801, 35.9123



98.2810, 41.7665, 137.4426



103.3850, -10.5428, 21.5874



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.



119.9110, -58.1301, 118.4731



119.0960, -58.7143, 119.1878



193.8730, -94.5934, 53.6084



120.6480, -2.7845, 6.4477



88.8070, -43.7819, 89.6233



29.7020, -14.6431, 30.0793

Inverse Universe

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



137.0890, 58.1301, -118.4731



135.9040, 58.7143, -119.1878



63.1270, 94.5934, -53.6084



121.7650, 3.0739, -5.9329



102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793

Previews

White Background



This preview shows how the YUV color 119.9110, -58.1301, 118.4731 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 119.9110, -58.1301, 118.4731 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 119.9110, -58.1301, 118.4731 Background



This preview shows how black text looks on a background with the YUV color 119.9110, -58.1301, 118.4731.



This preview shows how white text looks on a background with the YUV color 119.9110, -58.1301, 118.4731.

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

119.9110, -58.1301, 118.4731

Protanopia

133.2010, -51.8641, 21.7487

Deuteranopia

130.9940, -64.5800, 40.3473



Tritanopia

126.2440, -26.2493, 112.9190

Trichromacy



Original Color

119.9110, -58.1301, 118.4731

Protanomaly

128.5520, -54.0091, 56.5209

Deuteranomaly

127.1530, -62.1934, 68.2718

Tritanomaly

123.8670, -37.8954, 115.0036

Monochromacy



Original Color

119.9110, -58.1301, 118.4731

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7700, -21.0856, 43.1747

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9110, -58.1301, 118.4731 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, 74, 2)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 2)  
}
```

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, 74, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 2) }
```

Border

The CSS property to change the border of an element to YUV 119.9110, -58.1301, 118.4731 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, 74, 2) }
```


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

```
.border{ border-color:rgb(255, 74, 2) }
```

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

Here you see how a box with a 4 pixel rgb(255, 74, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 2);  
box-shadow:4px 4px 4px 4px rgb(255, 74, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 119.9110, -58.1301, 118.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 2) }
```

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

```
.background{ background-color: rgb(255, 74,  
2) }
```

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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