

Converting Colors

YUV(118.0650, -44.8950,
120.0920)

Have a look what the booklet for
YUV(118.0650, -44.8950, 120.0920)
contains.

YUV(118.0650, -44.8950, 120.0920)	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(118.0650, -44.8950,
120.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	FF421B
RGB	255, 66, 27
RGB Percent	100%, 26%, 11%
CMY	0.0000, 0.7412, 0.8941
CMYK	0.00, 0.74, 0.89, 0.00
HSL	10°, 100%, 55%
HSV	10°, 89%, 100%
XYZ	43.3860, 25.2356, 3.6212
YIQ	118.0650, 125.1630, 27.9390

Conversions

Conversions Part 2

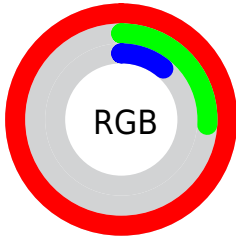
Format	Color
RYB	255, 74, 27
Decimal	16728603
CIELab	57.30, 69.02, 62.07
CIElCh	57, 92.821, 41.967
Yxy	25.2356, 0.6006, 0.3493
Android (android.graphics.Color)	4294918683 (0xFFFF421B)
YUV	118.0650, -44.8950, 120.0920
Hunter-Lab	50.2350, 66.2523, 30.8906

Details

The YUV color **118.0650, -44.8950, 120.0920** 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 **163.9350, 44.8950, -120.0920**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6860, -40.2712, 83.5904**, and **56.5110, -27.8599, 116.1929** is the 20% darker color. If you saturate the color by 10%, you get **102.7740, -50.1746, 133.5022**, and if you desaturate by 10%, it is **133.2420, -40.0523, 106.7818**.

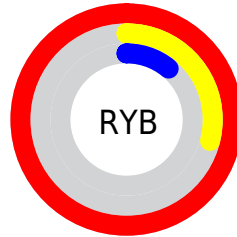
Distribution



Red (100%)

Green (26%)

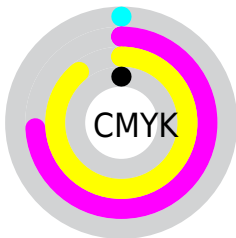
Blue (11%)



Red (100%)

Yellow (29%)

Blue (11%)

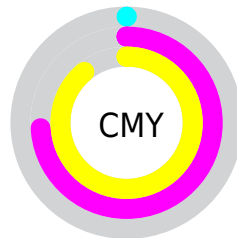


Cyan (0%)

Magenta (74%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (74%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.0650, -44.8950, 120.0920 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 118.0650, -44.8950, 120.0920 by changing the saturation by 10% instead.


 118.0650,
-44.8950, 120.0920

 118.0650,
-44.8950, 120.0920


255.0000, 0.0000,
0.0000

 82.2270, -40.5379,
122.5809


 159.6860,
-40.2712, 83.5904


 56.5110, -27.8599,
116.1929


 179.6730,
-37.3068, 66.0618


 46.6440, -22.9955,
95.9052


 199.6600,
-34.3424, 48.5332

 37.0760, -18.2785,
76.2323

 220.3480,
-31.2306, 30.3898

 27.6220, -13.1246,
56.4595

 241.1500,
-27.6820, 12.1464


 19.1790, -7.9762,
38.4310

 250.2120,

 8.4860, -3.6906,


-18.3455, 4.1991

17.1138


 253.5180, -5.6784,
1.2997


 0.0000, 0.0000,
0.0000


 118.0650,
-44.8950, 120.0920


 118.0650,
-44.8950, 120.0920


 102.7740,
-50.1746, 133.5022


 133.2420,
-40.0523, 106.7818

 102.0730,
-50.3220, 134.1170

 148.5330,
-34.7728, 93.3716

 163.7100,
-29.9300, 80.0613

 179.5880,
-24.9399, 66.1363

 194.7650,
-20.0971, 52.8261

210.0560,
-14.8176, 39.4159

225.2330, -9.9749,
26.1057

240.5240, -4.6953,
12.6955

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



88.6710, 10.0222, 145.8705



118.0650, -44.8950, 120.0920



129.0990, -63.6458, 67.4422

Triad

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



118.0650, -44.8950, 120.0920



108.0780, -12.3635, -94.7844



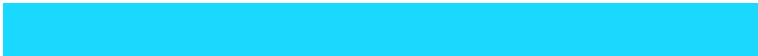
110.0760, 71.4475, -96.5367

Complementary

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



118.0650, -44.8950, 120.0920



163.9350, 44.8950, -120.0920

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



118.0650, -44.8950, 120.0920



119.6430, 24.3330, -104.9269

Square

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



118.0650, -44.8950, 120.0920



96.3120, -47.4818, -77.4496



127.8340, 58.2558, -112.1104



138.3450, 57.5109, 33.9004

Rectangle

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



118.0650, -44.8950, 120.0920



128.5690, -63.3845, 30.1960



127.8340, 58.2558, -112.1104



115.3590, 68.8430, -101.1698

Sweetspot

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



118.0650, -44.8950, 120.0920



213.6750, -13.6438, 36.2420



116.8320, 49.3828, 121.1733



103.3680, -8.0694, 21.6023



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.



118.0650, -44.8950, 120.0920



102.0730, -50.3220, 134.1170



184.3960, -77.5962, 61.9197



120.0610, -2.4951, 6.9625



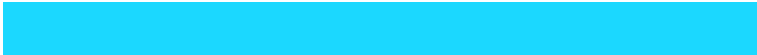
76.4800, -37.7046, 100.4340



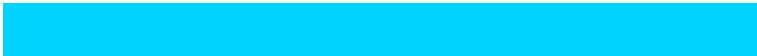
25.5930, -12.6173, 33.6829

Inverse Universe

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



163.9350, 44.8950, -120.0920



152.9270, 50.3220, -134.1170



97.6040, 77.5962, -61.9197



122.3520, 2.7845, -6.4477



115.1070, 37.4152, -100.9488



38.4070, 12.6173, -33.6829

Previews

White Background



This preview shows how the YUV color 118.0650, -44.8950, 120.0920 looks on a white background.

Color Contrast Check

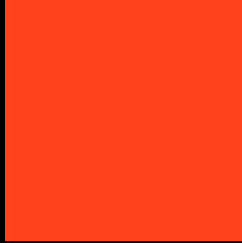
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0650, -44.8950, 120.0920 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 118.0650, -44.8950, 120.0920 Background



This preview shows how black text looks on a background with the YUV color 118.0650, -44.8950, 120.0920.



This preview shows how white text looks on a background with the YUV color 118.0650, -44.8950, 120.0920.

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

118.0650, -44.8950, 120.0920

Protanopia

132.0680, -43.4175, 19.2344

Deuteranopia

128.9230, -63.5590, 39.5325



Tritanopia

120.6360, -27.4285, 117.8372

Trichromacy



Original Color

118.0650, -44.8950, 120.0920

Protanomaly

127.1850, -43.9682, 55.9658

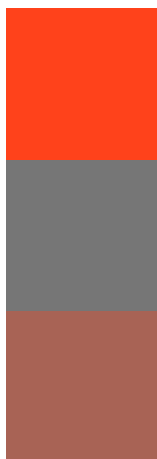
Deuteranomaly

124.6460, -56.5205, 68.7165

Tritanomaly

119.6270, -33.8331, 118.7221

Monochromacy



Original Color

118.0650, -44.8950, 120.0920

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0350, -16.2863, 43.8193

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0650, -44.8950, 120.0920 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, 66, 27)` looks like.

```
.text, #text, p{  
  color:rgb(255, 66, 27)  
}
```

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, 66, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 27) }
```

Border

The CSS property to change the border of an element to YUV 118.0650, -44.8950, 120.0920 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, 66, 27) }
```


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

```
.border{ border-color:rgb(255, 66, 27) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 27);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 118.0650, -44.8950, 120.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 27) }
```

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

```
.background{ background-color: rgb(255, 66,  
27) }
```

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