

Converting Colors

YUV(120.2240, -52.8614,
108.5516)

Have a look what the booklet for
YUV(120.2240, -52.8614, 108.5516)
contains.

YUV(120.2240, -52.8614, 108.5516)	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(120.2240, -52.8614,
108.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	F44E0D
RGB	244, 78, 13
RGB Percent	96%, 31%, 5%
CMY	0.0431, 0.6941, 0.9490
CMYK	0.00, 0.68, 0.95, 0.04
HSL	17°, 91%, 50%
HSV	17°, 95%, 96%
XYZ	40.1053, 24.7109, 3.0367
YIQ	120.2240, 119.8010, 14.9770

Conversions

Conversions Part 2

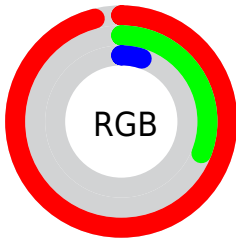
Format	Color
R_{YB}	244, 103, 13
Decimal	16010765
CIE _{Lab}	56.79, 61.26, 64.85
CIE _{LCh}	57, 89.212, 46.631
Yxy	24.7109, 0.5911, 0.3642
Android (android.graphics.Color)	4294200845 (0xFFFF44E0D)
YUV	120.2240, -52.8614, 108.5516
Hunter-Lab	49.7101, 57.0181, 31.1752

Details

The YUV color **120.2240, -52.8614, 108.5516** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **136.7760, 52.8614, -108.5516**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4700, -46.0807, 80.2718**, and **53.5210, -26.3859, 110.0451** is the 20% darker color. If you saturate the color by 10%, you get **113.4590, -55.9353, 114.4845**, and if you desaturate by 10%, it is **133.5260, -47.5873, 96.8857**.

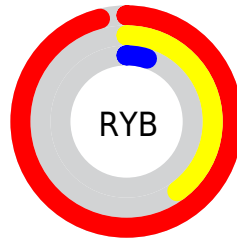
Distribution



Red (96%)

Green (31%)

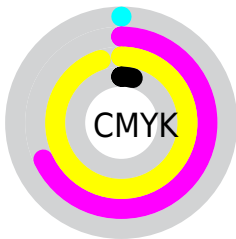
Blue (5%)



Red (96%)

Yellow (40%)

Blue (5%)

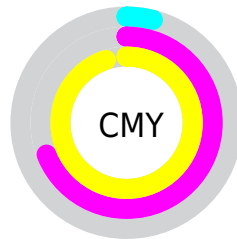


Cyan (0%)

Magenta (68%)

Yellow (95%)

Black (4%)



Cyan (4%)


Magenta (69%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.2240, -52.8614, 108.5516 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 120.2240, -52.8614, 108.5516 by changing the saturation by 10% instead.


 120.2240,
-52.8614, 108.5516


 120.2240,
-52.8614, 108.5516


255.0000, 0.0000,
0.0000


 90.6780, -44.7043,
105.5224


 163.4700,
-46.0807, 80.2718


 53.5210, -26.3859,
110.0451


 182.8700,
-42.8269, 63.2580

 43.6540, -21.5214,
89.7574


 202.8570,
-39.8625, 45.7294

 34.3850, -16.9518,
70.6994

 222.9580,
-36.4613, 28.1008

 25.2300, -11.9454,
51.5413

 243.7600,
-32.9127, 9.8575

 16.6730, -7.2338,
33.6128

 249.3000,


 3.2890, -1.6215,


-21.8399, 4.9989


6.7625


 252.4920, -9.6096,
2.1995


 0.0000, 0.0000,
0.0000


 120.2240,
-52.8614, 108.5516


 120.2240,
-52.8614, 108.5516


 113.4590,
-55.9353, 114.4845

 133.5260,
-47.5873, 96.8857

 146.3550,
-41.5870, 85.6347

 159.6570,
-36.3129, 73.9688

 172.4860,
-30.3126, 62.7178

 185.7880,
-25.0385, 51.0519

198.5030,
-19.4750, 39.9009

211.9190,
-13.7641, 28.1350

224.6340, -8.2006,
16.9840

238.0500, -2.4897,
5.2181

Harmonies

Analogous

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



87.8900, 4.4912, 146.5555



120.2240, -52.8614, 108.5516



128.4460, -63.3239, 57.4909

Triad

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



120.2240, -52.8614, 108.5516



109.0870, -5.9589, -95.6693



105.9670, 73.4733, -92.9331

Complementary

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



120.2240, -52.8614, 108.5516



136.7760, 52.8614, -108.5516

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.



120.6420, 66.2385, -105.8030



120.2240, -52.8614, 108.5516



119.6090, 29.2798, -104.8971

Square

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



120.2240, -52.8614, 108.5516



93.9200, -46.3026, -82.3678



126.4150, 60.4344, -110.8660



136.9830, 53.2524, 46.4959

Rectangle

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



120.2240, -52.8614, 108.5516



126.4430, -62.3364, 20.6595



126.4150, 60.4344, -110.8660



111.8370, 70.5794, -98.0810

Sweetspot

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



120.2240, -52.8614, 108.5516



216.9690, -16.2537, 33.3532



101.3350, 39.7678, 125.1172



104.2000, -9.9586, 20.8726



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.



120.2240, -52.8614, 108.5516



118.5090, -58.4249, 119.7026



185.9680, -85.2732, 50.8941



115.9360, -2.9264, 5.3181



86.1380, -42.4660, 87.5790



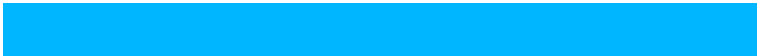
27.6200, -13.6167, 27.5203

Inverse Universe

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



136.7760, 52.8614, -108.5516



136.4910, 58.4249, -119.7026



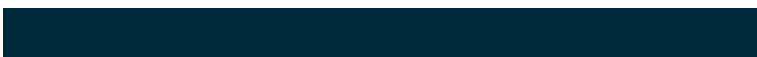
71.0320, 85.2732, -50.8941



116.6510, 2.6371, -5.8329



99.8620, 42.4660, -87.5790



31.3800, 13.6167, -27.5203

Previews

White Background



This preview shows how the YUV color 120.2240, -52.8614, 108.5516 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 120.2240, -52.8614, 108.5516 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 120.2240, -52.8614, 108.5516 Background



This preview shows how black text looks on a background with the YUV color 120.2240, -52.8614, 108.5516.



This preview shows how white text looks on a background with the YUV color 120.2240, -52.8614, 108.5516.

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

120.2240, -52.8614, 108.5516

Protanopia

129.8850, -49.2433, 21.1489

Deuteranopia

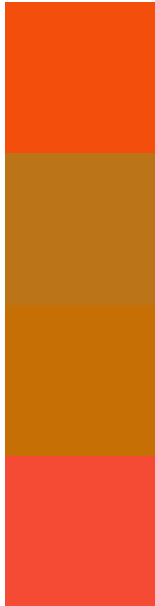
127.7380, -62.9748, 38.8178



Tritanopia

124.7700, -24.0436, 105.4417

Trichromacy



Original Color

120.2240, -52.8614, 108.5516

Protanomaly

126.7410, -50.6513, 52.8471

Deuteranomaly

124.9290, -59.1250, 64.0833

Tritanomaly

123.3220, -34.6687, 106.7116

Monochromacy



Original Color

120.2240, -52.8614, 108.5516

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2040, -19.3276, 39.2861

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2240, -52.8614, 108.5516 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(244, 78, 13)` looks like.

```
.text, #text, p{  
    color:rgb(244, 78, 13)  
}
```

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(244, 78, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 78, 13) }
```

Border

The CSS property to change the border of an element to YUV 120.2240, -52.8614, 108.5516 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(244, 78, 13) }
```


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

```
.border{ border-color:rgb(244, 78, 13) }
```

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

Here you see how a box with a 4 pixel rgb(244, 78, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 78, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 78, 13);  
box-shadow:4px 4px 4px 4px rgb(244, 78,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 120.2240, -52.8614, 108.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 78, 13) }
```

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

```
.background{ background-color: rgb(244, 78,  
13) }
```

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