

Converting Colors

YUV(122.2500, -48.9302,
107.6518)

Have a look what the booklet for
YUV(122.2500, -48.9302, 107.6518)
contains.

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Color

**YUV(122.2500, -48.9302,
107.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	F54F17
RGB	245, 79, 23
RGB Percent	96%, 31%, 9%
CMY	0.0392, 0.6902, 0.9098
CMYK	0.00, 0.68, 0.91, 0.04
HSL	15°, 92%, 53%
HSV	15°, 91%, 96%
XYZ	40.6068, 25.0663, 3.5087
YIQ	122.2500, 116.9120, 17.7760

Conversions

Conversions Part 2

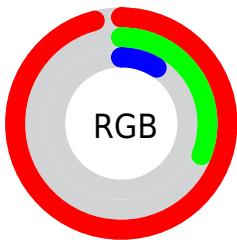
Format	Color
R_{YB}	245, 98, 23
Decimal	16076567
CIE _{Lab}	57.14, 61.32, 62.46
CIE _{LCh}	57, 87.530, 45.527
Yxy	25.0663, 0.5870, 0.3623
Android (android.graphics.Color)	4294266647 (0xFFFF54F17)
YUV	122.2500, -48.9302, 107.6518
Hunter-Lab	50.0663, 57.1586, 30.8913

Details

The YUV color **122.2500, -48.9302, 107.6518** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **145.7500, 48.9303, -107.6518**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7410, -43.7493, 79.1571**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **109.6490, -54.0570, 118.7028**, and if you desaturate by 10%, it is **135.6660, -43.2193, 95.8859**.

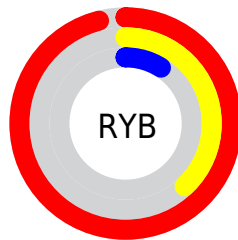
Distribution



Red (96%)

Green (31%)

Blue (9%)



Red (96%)

Yellow (38%)

Blue (9%)

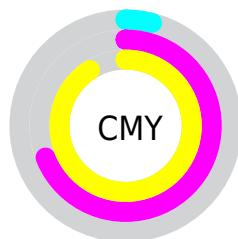


Cyan (0%)

Magenta (68%)

Yellow (91%)

Black (4%)



Cyan (4%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2500, -48.9302, 107.6518 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 122.2500, -48.9302, 107.6518 by changing the saturation by 10% instead.

122.2500,
-48.9302, 107.6518

122.2500,
-48.9302, 107.6518

255.0000, 0.0000,
0.0000

91.5640, -45.1411,
105.6224

164.7410,
-43.7493, 79.1571

53.8200, -26.5333,
110.6599

184.1410,
-40.4955, 62.1433

43.9530, -21.6688,
90.3722

204.1280,
-37.5311, 44.6147

34.6840, -17.0992,
71.3141

224.2290,
-34.1299, 26.9862

25.5290, -12.0928,
52.1561

245.0310,
-30.5813, 8.7428

17.2710, -7.5286,
34.8423


249.9840,


4.4850, -2.2111,


-19.2191, 4.3990


9.2217


 253.2900, -6.5520,
1.4997

 0.0000, 0.0000,
0.0000


 122.2500,
-48.9302, 107.6518


 122.2500,
-48.9302, 107.6518


 109.6490,
-54.0570, 118.7028

 135.6660,
-43.2193, 95.8859

 149.5550,
-38.2346, 83.7053

 162.9710,
-32.5237, 71.9394

 176.2730,
-27.2496, 60.2736

 190.2760,
-21.8281, 47.9929

203.5780,
-16.5540, 36.3271

216.9940,
-10.8430, 24.5613

230.8830, -5.8583,
12.3806

244.1850, -0.5842,
0.7148

Harmonies

Analogous

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



98.4390, 1.7556, 137.3040



122.2500, -48.9302, 107.6518



129.0440, -63.6187, 58.7204

Triad

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



122.2500, -48.9302, 107.6518



108.9730, -6.3957, -95.5693



107.7280, 72.6051, -94.4775

Complementary

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



122.2500, -48.9302, 107.6518



145.7500, 48.9303, -107.6518

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.



121.2290, 65.9491, -106.3178



122.2500, -48.9302, 107.6518



119.2670, 27.9694, -104.5972

Square

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



122.2500, -48.9302, 107.6518



93.9200, -46.3026, -82.3678



126.0730, 59.1240, -110.5660



138.5480, 52.9738, 42.4924

Rectangle

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



122.2500, -48.9302, 107.6518



127.6390, -62.9260, 23.1186



126.0730, 59.1240, -110.5660



113.0110, 70.0006, -99.1106

Sweetspot

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



122.2500, -48.9302, 107.6518



217.1970, -15.3801, 33.1532



108.4160, 40.2209, 119.7842



105.1290, -8.9376, 20.0579



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.



122.2500, -48.9302, 107.6518



113.8130, -56.1098, 123.8210



187.4070, -81.0527, 50.5091



115.3490, -2.6371, 5.8329



83.2030, -41.0191, 90.1530



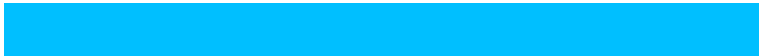
26.4460, -13.0379, 28.5499

Inverse Universe

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



145.7500, 48.9303, -107.6518



141.1870, 56.1098, -123.8210



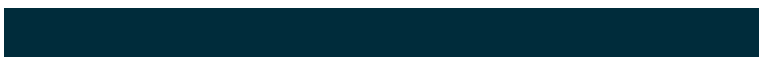
81.1800, 80.7633, -51.0239



116.6510, 2.6371, -5.8329



102.7970, 41.0191, -90.1530



32.5540, 13.0379, -28.5499

Previews

White Background



This preview shows how the YUV color 122.2500, -48.9302, 107.6518 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 122.2500, -48.9302, 107.6518 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 122.2500, -48.9302, 107.6518 Background



This preview shows how black text looks on a background with the YUV color 122.2500, -48.9302, 107.6518.



This preview shows how white text looks on a background with the YUV color 122.2500, -48.9302, 107.6518.

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

122.2500, -48.9302, 107.6518

Protanopia

131.3840, -46.0383, 19.8342

Deuteranopia

128.9230, -63.5590, 39.5325



Tritanopia

125.8840, -23.6068, 105.3417

Trichromacy



Original Color

122.2500, -48.9302, 107.6518

Protanomaly

128.3540, -47.0095, 51.4325

Deuteranomaly

126.4560, -58.3988, 64.4981

Tritanomaly

124.7780, -32.9216, 106.3117

Monochromacy



Original Color

122.2500, -48.9302, 107.6518

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9590, -17.7278, 39.5010

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2500, -48.9302, 107.6518 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(245, 79, 23)` looks like.

```
.text, #text, p{  
    color:rgb(245, 79, 23)  
}
```

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(245, 79, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 79, 23) }
```

Border

The CSS property to change the border of an element to YUV 122.2500, -48.9302, 107.6518 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(245, 79, 23) }
```


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

```
.border{ border-color:rgb(245, 79, 23) }
```

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

Here you see how a box with a 4 pixel rgb(245, 79, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 79, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 79, 23);  
box-shadow:4px 4px 4px 4px rgb(245, 79,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 122.2500, -48.9302, 107.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 79, 23) }
```

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

```
.background{ background-color: rgb(245, 79,  
23) }
```

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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