

Converting Colors

YUV(122.8810, -52.6923,
100.9594)

Have a look what the booklet for
YUV(122.8810, -52.6923, 100.9594)
contains.

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Color

**YUV(122.8810, -52.6923,
100.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	EE5510
RGB	238, 85, 16
RGB Percent	93%, 33%, 6%
CMY	0.0667, 0.6667, 0.9373
CMYK	0.00, 0.64, 0.93, 0.07
HSL	19°, 87%, 50%
HSV	19°, 93%, 93%
XYZ	38.6019, 24.7116, 3.2255
YIQ	122.8810, 113.3370, 10.9770

Conversions

Conversions Part 2

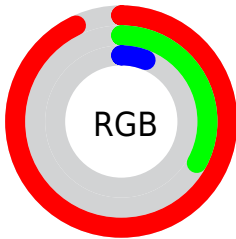
Format	Color
R _Y B	238, 116, 16
Decimal	15619344
CIE Lab	56.79, 56.51, 63.62
CIE LCh	57, 85.097, 48.387
Yxy	24.7116, 0.5801, 0.3714
Android (android.graphics.Color)	4293809424 (0xFFEE5510)
YUV	122.8810, -52.6923, 100.9594
Hunter-Lab	49.7107, 51.6171, 30.9505

Details

The YUV color **122.8810, -52.6923, 100.9594** 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 **131.1190, 52.6923, -100.9594**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2200, -46.9435, 76.9831**, and **64.6410, -31.8680, 95.0308** is the 20% darker color. If you saturate the color by 10%, you get **114.6000, -56.4978, 108.2218**, and if you desaturate by 10%, it is **135.0090, -46.8394, 90.3231**.

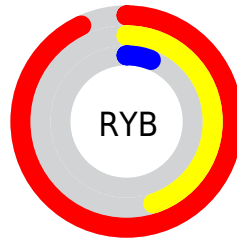
Distribution



Red (93%)

Green (33%)

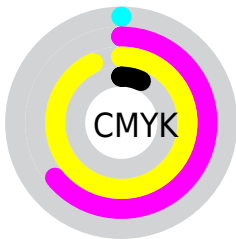
Blue (6%)



Red (93%)

Yellow (45%)

Blue (6%)

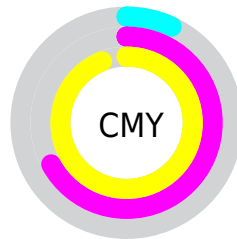


Cyan (0%)

Magenta (64%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (67%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8810, -52.6923, 100.9594 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 122.8810, -52.6923, 100.9594 by changing the saturation by 10% instead.

122.8810,
-52.6923, 100.9594

122.8810,
-52.6923, 100.9594

255.0000, 0.0000,
0.0000

94.1670, -46.4243,
97.2005

167.2200,
-46.9435, 76.9831

64.6410, -31.8680,
95.0308

186.6200,
-43.6897, 59.9693

42.1590, -20.7844,
86.6836

206.0200,
-40.4359, 42.9555

32.8900, -16.2148,
67.6255

226.1210,
-37.0347, 25.3269

23.9200, -11.7926,
49.1822

246.3360,
-33.1966, 7.5983

15.7760, -6.7916,
31.7684

249.5280,

0.0000, 0.0000,

-20.9663, 4.7989

0.0000

252.8340, -8.2992,
1.8996

122.8810,
-52.6923, 100.9594

122.8810,
-52.6923, 100.9594

114.6000,
-56.4978, 108.2218

135.0090,
-46.8394, 90.3231

147.7240,
-41.2759, 79.1721

159.7380,
-35.8598, 68.6358

172.4530,
-30.2963, 57.4847

184.5810,
-24.4434, 46.8485

■ 196.7090,
-18.5905, 36.2122

■ 209.4240,
-13.0270, 25.0612

■ 221.4380, -7.6109,
14.5249

■ 234.1530, -2.0474,
3.3738

Harmonies

Analogous

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



107.6200, -6.2217, 129.2523



122.8810, -52.6923, 100.9594



128.7120, -63.4550, 52.8726

Triad

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



122.8810, -52.6923, 100.9594



109.2980, -2.6119, -95.8543



105.3800, 73.7627, -92.4183

Complementary

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



122.8810, -52.6923, 100.9594



131.1190, 52.6923, -100.9594

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.



119.4680, 66.8173, -104.7734



122.8810, -52.6923, 100.9594



119.2500, 30.4428, -104.5823

Square

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



122.8810, -52.6923, 100.9594



95.1740, -41.4978, -83.4676



125.0130, 60.1396, -109.6364



137.4410, 48.5896, 48.7252

Rectangle

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



122.8810, -52.6923, 100.9594



126.1330, -62.1836, 18.3004



125.0130, 60.1396, -109.6364



110.6630, 71.1581, -97.0515

Sweetspot

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



122.8810, -52.6923, 100.9594



218.1430, -16.8325, 32.3236



100.0480, 34.9793, 120.9839



105.3740, -10.5374, 19.8430



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.



122.8810, -52.6923, 100.9594



122.6180, -60.4507, 116.0990



186.8640, -84.2360, 44.8463



113.9360, -2.9264, 5.3181



88.4750, -43.6182, 83.7754



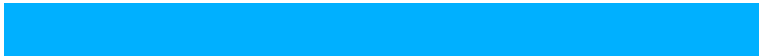
26.7230, -13.1744, 25.6759

Inverse Universe

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



131.1190, 52.6923, -100.9594



132.3820, 60.4507, -116.0990



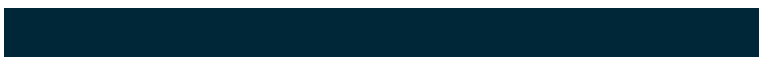
67.1360, 84.2360, -44.8463



114.0640, 2.9264, -5.3181



95.5250, 43.6182, -83.7754



29.2770, 13.1744, -25.6759

Previews

White Background



This preview shows how the YUV color 122.8810, -52.6923, 100.9594 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 122.8810, -52.6923, 100.9594 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 122.8810, -52.6923, 100.9594 Background



This preview shows how black text looks on a background with the YUV color 122.8810, -52.6923, 100.9594.



This preview shows how white text looks on a background with the YUV color 122.8810, -52.6923, 100.9594.

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

122.8810, -52.6923, 100.9594

Protanopia

129.8850, -49.2433, 21.1489

Deuteranopia

128.0370, -63.1222, 39.4326



Tritanopia

127.7090, -21.5485, 98.4792

Trichromacy



Original Color

122.8810, -52.6923, 100.9594

Protanomaly

127.4310, -50.4985, 50.4880

Deuteranomaly

126.5050, -59.4090, 61.8241

Tritanomaly

125.7340, -32.8999, 99.3343

Monochromacy



Original Color

122.8810, -52.6923, 100.9594

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8940, -19.1747, 36.9270

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8810, -52.6923, 100.9594 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(238, 85, 16)` looks like.

```
.text, #text, p{  
    color:rgb(238, 85, 16)  
}
```

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(238, 85, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 85, 16) }
```

Border

The CSS property to change the border of an element to YUV 122.8810, -52.6923, 100.9594 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(238, 85, 16) }
```


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

```
.border{ border-color:rgb(238, 85, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 85, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 85, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 85, 16);  
box-shadow:4px 4px 4px 4px rgb(238, 85,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 122.8810, -52.6923, 100.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 85, 16) }
```

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

```
.background{ background-color: rgb(238, 85,  
16) }
```

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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