

Converting Colors

YUV(121.4460, -52.9709,
96.9559)

Have a look what the booklet for
YUV(121.4460, -52.9709, 96.9559)
contains.

YUV(121.4460, -52.9709, 96.9559)	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(121.4460, -52.9709,
96.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	E8560E
RGB	232, 86, 14
RGB Percent	91%, 34%, 5%
CMY	0.0902, 0.6627, 0.9451
CMYK	0.00, 0.63, 0.94, 0.09
HSL	20°, 89%, 48%
HSV	20°, 94%, 91%
XYZ	36.6858, 23.8431, 3.0841
YIQ	121.4460, 110.1280, 8.5600

Conversions

Conversions Part 2

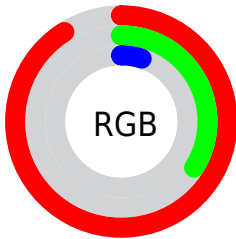
Format	Color
RYB	232, 122, 14
Decimal	15226382
CIELab	55.93, 54.00, 63.05
CIELCh	56, 83.016, 49.421
Yxy	23.8431, 0.5767, 0.3748
Android (android.graphics.Color)	4293416462 (0xFFE8560E)
YUV	121.4460, -52.9709, 96.9559
Hunter-Lab	48.8294, 48.6565, 30.4358

Details

The YUV color **121.4460, -52.9709, 96.9559** 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 **124.5540, 52.9709, -96.9559**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1060, -47.3803, 77.0830**, and **65.4940, -32.2885, 89.8978** is the 20% darker color. If you saturate the color by 10%, you get **114.5670, -56.4815, 102.9887**, and if you desaturate by 10%, it is **133.4600, -47.5548, 86.4196**.

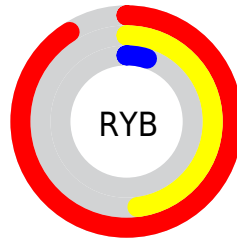
Distribution



Red (91%)

Green (34%)

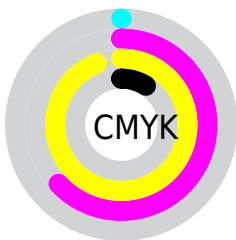
Blue (5%)



Red (91%)

Yellow (48%)

Blue (5%)

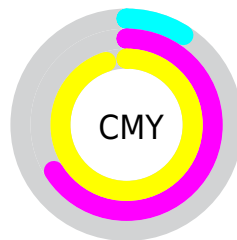


Cyan (0%)

Magenta (63%)

Yellow (94%)

Black (9%)



Cyan (9%)


Magenta (66%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.4460, -52.9709, 96.9559 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 121.4460, -52.9709, 96.9559 by changing the saturation by 10% instead.


 121.4460,
-52.9709, 96.9559


 121.4460,
-52.9709, 96.9559


255.0000, 0.0000,
0.0000

 93.8460, -46.2661,
93.0971


 167.1060,
-47.3803, 77.0830


 65.4940, -32.2885,
89.8978


 186.5060,
-44.1265, 60.0692


 40.6640, -20.0474,
83.6097


 205.9060,
-40.8727, 43.0554

 31.3950, -15.4777,
64.5516

 226.0070,
-37.4715, 25.4269

 22.4250, -11.0555,
46.1083

 246.1080,
-34.0702, 7.7983

 14.2810, -6.0545,
28.6946

 249.3000,

 0.0000, 0.0000,

-21.8399, 4.9989

0.0000

252.6060, -9.1728,
2.0995

121.4460,
-52.9709, 96.9559

121.4460,
-52.9709, 96.9559

114.5670,
-56.4815, 102.9887

133.4600,
-47.5548, 86.4196

144.8870,
-41.8493, 76.3981

157.0150,
-35.9964, 65.7618

168.4420,
-30.2909, 55.7404

180.4560,
-24.8748, 45.2041

■ 191.8830,
-19.1693, 35.1826

■ 203.8970,
-13.7532, 24.6463

■ 215.4380, -7.6109,
14.5249

■ 227.4520, -2.1948,
3.9886

Harmonies

Analogous

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



110.0990, -9.4158, 127.0782



121.4460, -52.9709, 96.9559



126.3310, -62.2812, 49.6987

Triad

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



121.4460, -52.9709, 96.9559



107.6510, -1.3069, -94.4099



114.6930, 69.1714, -66.3828

Complementary

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



121.4460, -52.9709, 96.9559



124.5540, 52.9709, -96.9559

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.



117.7070, 67.6854, -103.2290



121.4460, -52.9709, 96.9559



117.3750, 30.8741, -102.9379

Square

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



121.4460, -52.9709, 96.9559



94.4390, -36.6984, -82.8230



122.7960, 59.2606, -107.6921



135.4690, 46.1108, 50.4547

Rectangle

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



121.4460, -52.9709, 96.9559



123.4640, -60.8678, 16.2561



122.7960, 59.2606, -107.6921



108.9020, 72.0263, -95.5071

Sweetspot

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



121.4460, -52.9709, 96.9559



218.7300, -17.1219, 31.8088



96.1680, 32.9482, 119.1247



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.



121.4460, -52.9709, 96.9559



125.5530, -61.8976, 113.5250



183.6680, -83.6463, 42.3872



108.9360, -2.9264, 5.3181



88.1540, -43.4599, 79.6719



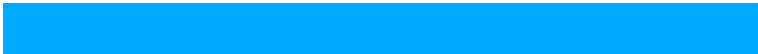
25.2280, -12.4374, 22.6020

Inverse Universe

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



124.5540, 52.9709, -96.9559



129.4470, 61.8976, -113.5250



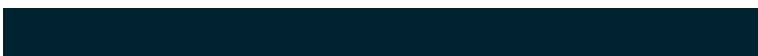
62.3320, 83.6463, -42.3872



109.0640, 2.9264, -5.3181



90.8460, 43.4599, -79.6719



25.7720, 12.4374, -22.6020

Previews

White Background



This preview shows how the YUV color 121.4460, -52.9709, 96.9559 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 121.4460, -52.9709, 96.9559 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 121.4460, -52.9709, 96.9559

Background



This preview shows how black text looks on a background with the YUV color 121.4460, -52.9709, 96.9559.



This preview shows how white text looks on a background with the YUV color 121.4460, -52.9709, 96.9559.

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

121.4460, -52.9709, 96.9559

Protanopia

127.5860, -49.0959, 20.5341

Deuteranopia

125.9660, -62.1012, 38.6178



Tritanopia

126.6160, -20.5167, 94.1758

Trichromacy



Original Color

121.4460, -52.9709, 96.9559

Protanomaly

125.1210, -50.3457, 48.1289

Deuteranomaly

124.6080, -58.9667, 59.9798

Tritanomaly

124.5270, -32.3048, 95.1308

Monochromacy



Original Color

121.4460, -52.9709, 96.9559

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8830, -19.1693, 35.1826

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4460, -52.9709, 96.9559 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(232, 86, 14)` looks like.

```
.text, #text, p{  
    color:rgb(232, 86, 14)  
}
```

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(232, 86, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 86, 14) }
```

Border

The CSS property to change the border of an element to YUV 121.4460, -52.9709, 96.9559 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(232, 86, 14) }
```


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

```
.border{ border-color:rgb(232, 86, 14) }
```

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

Here you see how a box with a 4 pixel rgb(232, 86, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 86, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 86, 14);  
box-shadow:4px 4px 4px 4px rgb(232, 86,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 121.4460, -52.9709, 96.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 86, 14) }
```

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

```
.background{ background-color: rgb(232, 86,  
14) }
```

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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