

Converting Colors

YUV(118.0020, -39.4410,
97.3452)

Have a look what the booklet for
YUV(118.0020, -39.4410, 97.3452)
contains.

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Color

**YUV(118.0020, -39.4410,
97.3452)**

Conversions

Conversions Part 1

Format	Color
Hex	E54D26
RGB	229, 77, 38
RGB Percent	90%, 30%, 15%
CMY	0.1020, 0.6980, 0.8510
CMYK	0.00, 0.66, 0.83, 0.10
HSL	12°, 79%, 52%
HSV	12°, 83%, 90%
XYZ	35.3168, 22.1057, 4.2391
YIQ	118.0020, 103.1110, 20.0950

Conversions

Conversions Part 2

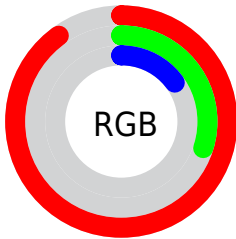
Format	Color
R_{YB}	229, 87, 38
Decimal	15027494
CIE Lab	54.14, 57.14, 53.14
CIE LCh	54, 78.032, 42.926
Yxy	22.1057, 0.5728, 0.3585
Android (android.graphics.Color)	4293217574 (0xFFE54D26)
YUV	118.0020, -39.4410, 97.3452
Hunter-Lab	47.0167, 51.8019, 27.5660

Details

The YUV color **118.0020, -39.4410, 97.3452** 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 **148.9980, 39.4410, -97.3452**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2340, -38.0764, 79.6018**, and **51.6830, -25.4797, 99.3790** is the 20% darker color. If you saturate the color by 10%, you get **104.8140, -44.2783, 108.9111**, and if you desaturate by 10%, it is **131.1900, -34.6037, 85.7794**.

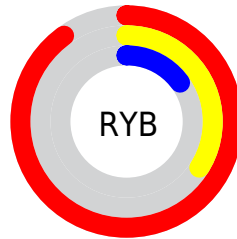
Distribution



Red (90%)

Green (30%)

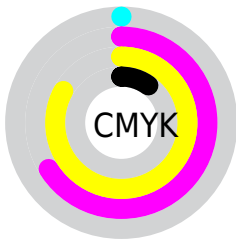
Blue (15%)



Red (90%)

Yellow (34%)

Blue (15%)

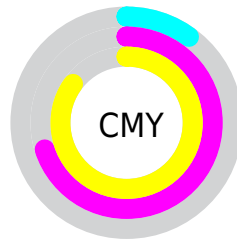


Cyan (0%)

Magenta (66%)

Yellow (83%)

Black (10%)



Cyan (10%)


Magenta (70%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.0020, -39.4410, 97.3452 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 118.0020, -39.4410, 97.3452 by changing the saturation by 10% instead.


 118.0020,
-39.4410, 97.3452


 118.0020,
-39.4410, 97.3452


255.0000, 0.0000,
0.0000

 87.8600, -37.3990,
95.7158


 164.2340,
-38.0764, 79.6018


 51.6830, -25.4797,
99.3790


 183.6340,
-34.8226, 62.5880

 40.0660, -19.7525,
82.3801


 203.0340,
-31.5688, 45.5742

 30.7970, -15.1829,
63.3220

 223.1350,
-28.1676, 27.9456

 21.9410, -10.3239,
44.7787

 243.8230,
-25.0557, 9.8022

 13.2700, -6.0491,
26.9502

 251.1240,

 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 118.0020,
-39.4410, 97.3452

■ 118.0020,
-39.4410, 97.3452

■ 104.8140,
-44.2783, 108.9111

■ 131.1900,
-34.6037, 85.7794

■ 96.0600, -47.3576,
116.5884

■ 144.3780,
-29.7664, 74.2135

■ 158.1530,
-25.2184, 62.1328

■ 171.3410,
-20.3811, 50.5669

■ 184.5290,
-15.5438, 39.0011

■ 197.6030,
-11.1433, 27.5352

■ 211.3780, -6.5954,
15.4545

■ 224.5660, -1.7580,
3.8886

■ 237.7540, 3.0793,
-7.6773

Harmonies

Analogous

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



109.4770, -2.7002, 119.7307



118.0020, -39.4410, 97.3452



121.9560, -60.1243, 57.9206

Triad

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



118.0020, -39.4410, 97.3452



101.4900, -7.1436, -89.0067



104.2060, 74.3414, -91.3887

Complementary

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



118.0020, -39.4410, 97.3452



148.9980, 39.4410, -97.3452

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.



115.9460, 68.5536, -101.6846



118.0020, -39.4410, 97.3452



110.7580, 23.2903, -97.1348

Square

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



118.0020, -39.4410, 97.3452



100.3200, -49.4578, -50.2696



117.3530, 51.0980, -102.9186



131.5050, 48.0650, 30.2521

Rectangle

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



118.0020, -39.4410, 97.3452



120.8720, -59.5899, 26.4223



117.3530, 51.0980, -102.9186



108.9020, 72.0263, -95.5071

Sweetspot

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



118.0020, -39.4410, 97.3452



217.7670, -13.1961, 32.6533



112.5510, 38.6754, 102.1258



105.3570, -8.0640, 19.8579



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.



118.0020, -39.4410, 97.3452



106.7690, -52.6371, 129.9986



173.7670, -66.9331, 48.4393



108.3490, -2.6371, 5.8329



74.6530, -36.8039, 91.5123



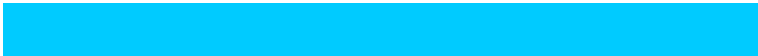
21.1190, -10.4117, 26.2056

Inverse Universe

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



148.9980, 39.4410, -97.3452



148.2310, 52.6371, -129.9986



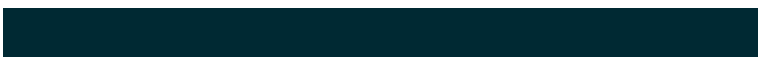
93.2330, 66.9331, -48.4393



109.6510, 2.6371, -5.8329



103.7600, 37.0933, -90.9975



29.8810, 10.4117, -26.2056

Previews

White Background



This preview shows how the YUV color 118.0020, -39.4410, 97.3452 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 118.0020, -39.4410, 97.3452 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 118.0020, -39.4410, 97.3452

Background



This preview shows how black text looks on a background with the YUV color 118.0020, -39.4410, 97.3452.



This preview shows how white text looks on a background with the YUV color 118.0020, -39.4410, 97.3452.

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

118.0020, -39.4410, 97.3452

Protanopia

125.5930, -36.2813, 17.0199

Deuteranopia

123.4030, -51.4707, 35.6036



Tritanopia

120.3990, -21.3957, 96.1201

Trichromacy



Original Color

118.0020, -39.4410, 97.3452

Protanomaly

123.1390, -37.5365, 46.3591

Deuteranomaly

121.3980, -47.0312, 58.4100

Tritanomaly

119.3900, -27.8003, 97.0050

Monochromacy



Original Color

118.0020, -39.4410, 97.3452

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8490, -14.2226, 35.2124

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0020, -39.4410, 97.3452 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(229, 77, 38)` looks like.

```
.text, #text, p{  
    color:rgb(229, 77, 38)  
}
```

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(229, 77, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 77, 38) }
```

Border

The CSS property to change the border of an element to YUV 118.0020, -39.4410, 97.3452 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(229, 77, 38) }
```


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

```
.border{ border-color:rgb(229, 77, 38) }
```

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

Here you see how a box with a 4 pixel rgb(229, 77, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 77, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 77, 38);  
box-shadow:4px 4px 4px 4px rgb(229, 77,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 118.0020, -39.4410, 97.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 77, 38) }
```

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

```
.background{ background-color: rgb(229, 77,  
38) }
```

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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