

# Converting Colors

YUV(118.0400, -57.2077,  
102.5739)

Have a look what the booklet for  
YUV(118.0400, -57.2077, 102.5739)  
contains.

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# Color

**YUV(118.0400, -57.2077,  
102.5739)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB5102
RGB	235, 81, 2
RGB Percent	92%, 32%, 1%
CMY	0.0784, 0.6824, 0.9922
CMYK	0.00, 0.66, 0.99, 0.08
HSL	20°, 98%, 46%
HSV	20°, 99%, 92%
XYZ	37.2143, 23.5514, 2.6419
YIQ	118.0400, 117.1430, 8.0790

# Conversions

## Conversions Part 2

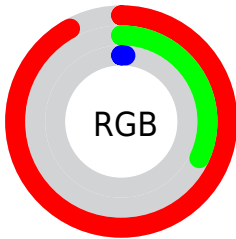
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">235, 122, 2</a>
Decimal	<a href="#">15421698</a>
CIELab	<a href="#">55.64, 57.01, 65.61</a>
CIELCh	<a href="#">56, 86.919, 49.011</a>
Yxy	<a href="#">23.5514, 0.5869, 0.3714</a>
Android (android.graphics.Color)	<a href="#">4293611778 (0xFFEB5102)</a>
YUV	<a href="#">118.0400, -57.2077, 102.5739</a>
Hunter-Lab	<a href="#">48.5298, 51.9529, 30.7432</a>

# Details

The YUV color **118.0400, -57.2077, 102.5739** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **118.9600, 57.2077, -102.5739**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9600, -49.2803, 79.8421**, and **59.0480, -29.1107, 97.3049** is the 20% darker color. If you saturate the color by 10%, you get **117.2250, -57.7919, 103.2887**, and if you desaturate by 10%, it is **130.0540, -51.7916, 92.0376**.

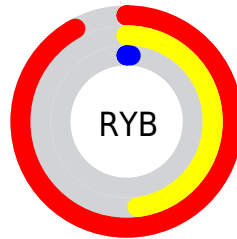
# Distribution



Red (92%)

Green (32%)

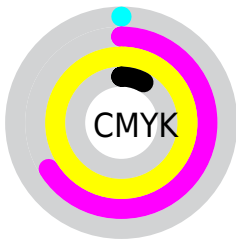
Blue (1%)



Red (92%)

Yellow (48%)

Blue (1%)

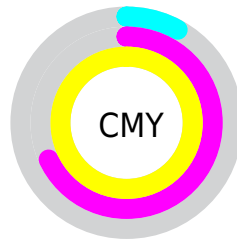


Cyan (0%)

Magenta (66%)

Yellow (99%)

Black (8%)



Cyan (8%)

Magenta (68%)

Yellow (99%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 118.0400, -57.2077, 102.5739 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 118.0400, -57.2077, 102.5739 by changing the saturation by 10% instead.




 118.0400,  
-57.2077, 102.5739

 118.0400,  
-57.2077, 102.5739


255.0000, 0.0000,  
0.0000

 90.9220, -44.8245,  
97.4154


 163.9600,  
-49.2803, 79.8421


 59.0480, -29.1107,  
97.3049


 183.4740,  
-45.5897, 62.7283

 41.2620, -20.3422,  
84.8392


 202.8740,  
-42.3359, 45.7145

 31.9930, -15.7725,  
65.7811

 222.9750,  
-38.9347, 28.0859

 23.1370, -10.9135,  
47.2379

 243.6630,  
-35.8229, 9.9425


 14.8790, -6.3493,  
29.9241


 248.6160,


 0.0000, 0.0000,


-24.4607, 5.5988


0.0000


 251.9220,  
-11.7935, 2.6994


 118.0400,  
-57.2077, 102.5739


 118.0400,  
-57.2077, 102.5739


 117.2250,  
-57.7919, 103.2887

 130.0540,  
-51.7916, 92.0376

 141.5950,  
-45.6493, 81.9162

 153.7230,  
-39.7964, 71.2799

 165.1500,  
-34.0909, 61.2585

 177.2780,  
-28.2381, 50.6222

■ 188.7050,  
-22.5326, 40.6007

■ 200.7190,  
-17.1165, 30.0644

■ 212.2600,  
-10.9742, 19.9430

■ 224.3880, -5.1213,  
9.3067

# Harmonies

## Analogous

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



97.6580, -3.7754, 137.9889



118.0400, -57.2077, 102.5739



125.7550, -61.9972, 51.9579

# Triad

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



118.0400, -57.2077, 102.5739



107.3090, -2.6173, -94.1100



103.0320, 74.9202, -90.3591

# Complementary

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



118.0400, -57.2077, 102.5739



118.9600, 57.2077, -102.5739

# 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



118.0400, -57.2077, 102.5739



117.4890, 31.3109, -103.0379

# Square

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



118.0400, -57.2077, 102.5739



92.2730, -44.9976, -80.9234



123.2520, 61.0078, -108.0920



133.6910, 49.4523, 52.0140



# Rectangle

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



118.0400, -57.2077, 102.5739



123.1650, -60.7203, 15.6413



123.2520, 61.0078, -108.0920



108.9020, 72.0263, -95.5071

# Sweetspot

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



118.0400, -57.2077, 102.5739



216.3990, -18.4377, 33.8531



89.3370, 33.3579, 127.7465



104.5590, -11.1216, 20.5578



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.



118.0400, -57.2077, 102.5739



126.7270, -62.4764, 112.4954



185.5450, -90.4877, 43.3720



111.6370, -2.7790, 4.7034



89.9260, -44.3335, 79.8719



26.7120, -13.1690, 23.9316



# Inverse Universe

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



118.9600, 57.2077, -102.5739



128.2730, 62.4764, -112.4954



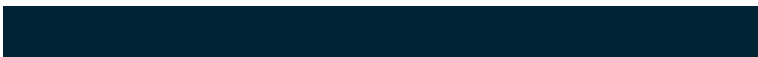
51.4550, 90.4877, -43.3720



111.3630, 2.7790, -4.7034



91.0740, 44.3335, -79.8719



26.7010, 13.4584, -23.4168



# Previews

## White Background



This preview shows how the YUV color 118.0400, -57.2077, 102.5739 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 118.0400, -57.2077, 102.5739 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 118.0400, -57.2077, 102.5739 Background



This preview shows how black text looks on a background with the YUV color 118.0400, -57.2077, 102.5739.



This preview shows how white text looks on a background with the YUV color 118.0400, -57.2077, 102.5739.



# 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

118.0400, -57.2077, 102.5739

### Protanopia

126.6570, -50.1169, 21.3488

### Deuteranopia

125.0800, -61.6644, 38.5178



## Tritanopia

123.8940, -22.1327, 99.1940

# Trichromacy



## Original Color

118.0400, -57.2077, 102.5739

## Protanomaly

123.8610, -52.6825, 50.9879

## Deuteranomaly

122.3910, -59.8458, 61.9241

## Tritanomaly

121.5770, -34.7945, 100.3490

# Monochromacy



## Original Color

118.0400, -57.2077, 102.5739

## Achromatopsia

118.0000, 0.0000, 0.0000

## Achromatomaly

118.4380, -20.9219, 37.3269

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.0400, -57.2077, 102.5739 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(235, 81, 2)` looks like.

```
.text, #text, p{  
    color:rgb(235, 81, 2)  
}
```

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(235, 81, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 81, 2) }
```

## Border

The CSS property to change the border of an element to YUV 118.0400, -57.2077, 102.5739 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(235, 81, 2) }
```



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

```
.border{ border-color:rgb(235, 81, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 81, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 81, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 81, 2);  
box-shadow:4px 4px 4px 4px rgb(235, 81, 2)  
}
```

# Background

The CSS property to change the background color of an element to YUV 118.0400, -57.2077, 102.5739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 81, 2) }
```

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

```
.background{ background-color: rgb(235, 81,  
2) }
```

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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