

Converting Colors

YUV(123.6160, -57.4917,
100.3148)

Have a look what the booklet for
YUV(123.6160, -57.4917, 100.3148)
contains.

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Color

**YUV(123.6160, -57.4917,
100.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	EE5807
RGB	238, 88, 7
RGB Percent	93%, 35%, 3%
CMY	0.0667, 0.6549, 0.9725
CMYK	0.00, 0.63, 0.97, 0.07
HSL	21°, 94%, 48%
HSV	21°, 97%, 93%
XYZ	38.7880, 25.1719, 3.0153
YIQ	123.6160, 115.4010, 6.6090

Conversions

Conversions Part 2

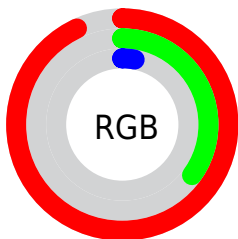
Format	Color
R_{YB}	238, 132, 7
Decimal	15620103
CIE _{Lab}	57.24, 55.17, 65.77
CIE _{LCh}	57, 85.846, 50.009
Yxy	25.1719, 0.5791, 0.3758
Android (android.graphics.Color)	4293810183 (0xFFEE5807)
YUV	123.6160, -57.4917, 100.3148
Hunter-Lab	50.1716, 50.1990, 31.5568

Details

The YUV color **123.6160, -57.4917, 100.3148** 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 **121.3840, 57.4917, -100.3148**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9380, -49.2694, 76.3534**, and **68.1630, -33.6044, 91.9420** is the 20% darker color. If you saturate the color by 10%, you get **119.8830, -59.1023, 103.5886**, and if you desaturate by 10%, it is **135.1570, -51.3494, 90.1933**.

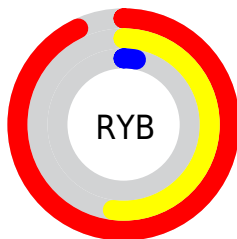
Distribution



Red (93%)

Green (35%)

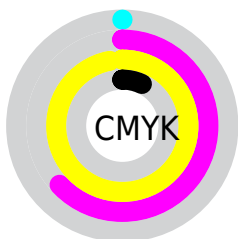
Blue (3%)



Red (93%)

Yellow (52%)

Blue (3%)

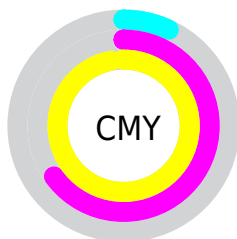


Cyan (0%)

Magenta (63%)

Yellow (97%)

Black (7%)



Cyan (7%)

Magenta (65%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6160, -57.4917, 100.3148 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 123.6160, -57.4917, 100.3148 by changing the saturation by 10% instead.

123.6160,
-57.4917, 100.3148

123.6160,
-57.4917, 100.3148

255.0000, 0.0000,
0.0000

96.5150, -47.5819,
95.1413

167.9380,
-49.2694, 76.3534

68.1630, -33.6044,
91.9420

187.3380,
-46.0156, 59.3396

42.1590, -20.7844,
86.6836

207.4390,
-42.6144, 41.7110

32.8900, -16.2148,
67.6255

227.5400,
-39.2132, 24.0824

23.9200, -11.7926,
49.1822

245.8800,
-34.9438, 7.9982


15.7760, -6.7916,
31.7684


249.1860,


0.0000, 0.0000,

-22.2767, 5.0989

0.0000


 252.3780,
-10.0464, 2.2995


 123.6160,
-57.4917, 100.3148


 123.6160,
-57.4917, 100.3148


 119.8830,
-59.1023, 103.5886

 135.1570,
-51.3494, 90.1933

 147.2850,
-45.4965, 79.5571

 158.7120,
-39.7910, 69.5356

 170.8400,
-33.9381, 58.8993

 182.3810,
-27.7958, 48.7779

194.5090,
-21.9429, 38.1416

206.0500,
-15.8007, 28.0201

218.0640,
-10.3846, 17.4839

229.6050, -4.2423,
7.3624

Harmonies

Analogous

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



108.4520, -8.1108, 128.5226



123.6160, -57.4917, 100.3148



129.2880, -63.7390, 50.6134

Triad

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



123.6160, -57.4917, 100.3148



110.4550, -0.7173, -96.8690



117.6500, 67.7135, -65.4681

Complementary

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



123.6160, -57.4917, 100.3148



121.3840, 57.4917, -100.3148

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



123.6160, -57.4917, 100.3148



120.5210, 32.7741, -105.6969

Square

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



123.6160, -57.4917, 100.3148



97.3740, -38.1454, -85.3970



126.1700, 62.0342, -110.6511



138.2460, 47.6997, 54.1583

Rectangle

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



123.6160, -57.4917, 100.3148



126.4100, -62.3201, 15.4264



126.1700, 62.0342, -110.6511



110.6630, 71.1581, -97.0515

Sweetspot

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



123.6160, -57.4917, 100.3148



218.3880, -18.4323, 32.1087



93.1690, 31.4687, 127.0168



105.8470, -11.2636, 19.4282



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.



123.6160, -57.4917, 100.3148



128.4880, -63.3446, 110.9510



191.1210, -90.7717, 41.1129



113.9360, -2.9264, 5.3181



92.5840, -45.6439, 80.1718



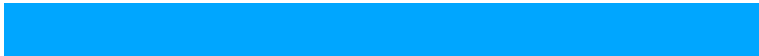
28.4840, -14.0426, 24.1315

Inverse Universe

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



121.3840, 57.4917, -100.3148



126.5120, 63.3446, -110.9510



53.8790, 90.7717, -41.1129



114.0640, 2.9264, -5.3181



90.8290, 45.9333, -79.6570



27.5160, 14.0426, -24.1315

Previews

White Background



This preview shows how the YUV color 123.6160, -57.4917, 100.3148 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 123.6160, -57.4917, 100.3148 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 123.6160, -57.4917, 100.3148 Background



This preview shows how black text looks on a background with the YUV color 123.6160, -57.4917, 100.3148.



This preview shows how white text looks on a background with the YUV color 123.6160, -57.4917, 100.3148.

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

123.6160, -57.4917, 100.3148

Protanopia

130.2010, -51.8641, 21.7487

Deuteranopia

128.9230, -63.5590, 39.5325



Tritanopia

129.8120, -21.1063, 96.6349

Trichromacy



Original Color

123.6160, -57.4917, 100.3148

Protanomaly

127.8070, -54.1349, 50.1583

Deuteranomaly

126.7500, -61.0087, 61.6093

Tritanomaly

127.3810, -34.2048, 97.8899

Monochromacy



Original Color

123.6160, -57.4917, 100.3148

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7260, -21.0639, 36.1973

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6160, -57.4917, 100.3148 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, 88, 7)` looks like.

```
.text, #text, p{  
    color:rgb(238, 88, 7)  
}
```

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, 88, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 88, 7) }
```

Border

The CSS property to change the border of an element to YUV 123.6160, -57.4917, 100.3148 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, 88, 7) }
```


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

```
.border{ border-color:rgb(238, 88, 7) }
```

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

Here you see how a box with a 4 pixel rgb(238, 88, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 88, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 88, 7);  
box-shadow:4px 4px 4px 4px rgb(238, 88, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 123.6160, -57.4917, 100.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 88, 7) }
```

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

```
.background{ background-color: rgb(238, 88,  
7) }
```

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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