

Converting Colors

YUV(163.1410, -57.2575,
71.7903)

Have a look what the booklet for
YUV(163.1410, -57.2575, 71.7903)
contains.

YUV(163.1410, -57.2575, 71.7903)	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(163.1410, -57.2575,
71.7903)**

Conversions

Conversions Part 1

Format	Color
Hex	F5902F
RGB	245, 144, 47
RGB Percent	96%, 56%, 18%
CMY	0.0392, 0.4353, 0.8157
CMYK	0.00, 0.41, 0.81, 0.04
HSL	29°, 91%, 57%
HSV	29°, 81%, 96%
XYZ	48.1425, 39.5642, 7.7886
YIQ	163.1410, 91.3330, -8.7550

Conversions

Conversions Part 2

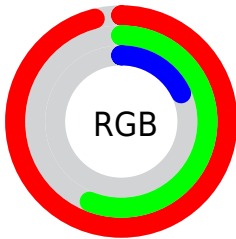
Format	Color
R_{YB}	245, 237, 47
Decimal	16093231
CIE _{Lab}	69.16, 31.51, 63.80
CIE _{LCh}	69, 71.156, 63.720
Yxy	39.5642, 0.5041, 0.4143
Android (android.graphics.Color)	4294283311 (0xFFFF5902F)
YUV	163.1410, -57.2575, 71.7903
Hunter-Lab	62.9001, 26.5453, 36.6885

Details

The YUV color **163.1410, -57.2575, 71.7903** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **128.8590, 57.2575, -71.7903**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9850, -50.7716, 44.7402**, and **109.3080, -53.8888, 64.6279** is the 20% darker color. If you saturate the color by 10%, you get **153.2470, -64.7048, 80.4674**, and if you desaturate by 10%, it is **173.0350, -49.8103, 63.1133**.

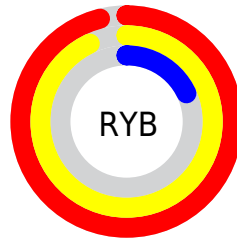
Distribution



Red (96%)

Green (56%)

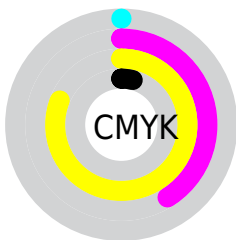
Blue (18%)



Red (96%)

Yellow (93%)

Blue (18%)

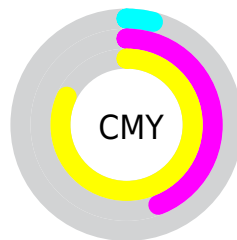


Cyan (0%)

Magenta (41%)

Yellow (81%)

Black (4%)



Cyan (4%)

Magenta (44%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1410, -57.2575, 71.7903 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 163.1410, -57.2575, 71.7903 by changing the saturation by 10% instead.

163.1410,
-57.2575, 71.7903

163.1410,
-57.2575, 71.7903

255.0000, 0.0000,
0.0000

134.8480,
-59.5781, 69.4163

203.9850,
-50.7716, 44.7402

109.3080,
-53.8888, 64.6279

224.0860,
-47.3704, 27.1116

85.3640, -42.0845,
58.4398

243.6000,
-43.6798, 9.9978

62.3060, -30.7169,
52.3516

246.7920,
-31.4495, 7.1984

39.5470, -19.4967,
46.8783

249.9840,
-19.2191, 4.3990

19.1360, -9.4340,
39.3457

253.2900, -6.5520,

12.3730, -5.6069,

1.4997

25.1059

■ 0.0000, 0.0000,
0.0000

■ 163.1410,
-57.2575, 71.7903

■ 163.1410,
-57.2575, 71.7903

■ 153.2470,
-64.7048, 80.4674

■ 173.0350,
-49.8103, 63.1133


■ 143.6950,
-70.8416, 88.8445

■ 183.4020,
-43.0892, 54.0214


■ 193.2960,
-35.6419, 45.3444


■ 203.6630,
-28.9209, 36.2525

■ 213.5570,
-21.4736, 27.5755

 223.9240,
-14.7525, 18.4837

 233.8180, -7.3053,
9.8066

 244.1850, -0.5842,
0.7148

 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



156.4380, -27.3309, 86.4389



163.1410, -57.2575, 71.7903



157.1210, -74.0097, 31.4659

Triad

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



163.1410, -57.2575, 71.7903



136.7630, 18.8508, -119.9412



169.7660, 42.0204, 8.9752

Complementary

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



163.1410, -57.2575, 71.7903



128.8590, 57.2575, -71.7903

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.



131.2080, 61.0295, -115.0694



163.1410, -57.2575, 71.7903



143.4720, 47.0953, -125.8249

Square

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



163.1410, -57.2575, 71.7903



126.8910, -8.8203, -111.2834



140.6000, 56.3992, -123.3062



171.3780, 27.4216, 71.5825

Rectangle

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



163.1410, -57.2575, 71.7903



155.0440, -60.6607, -3.5466



140.6000, 56.3992, -123.3062



163.6870, 45.0173, -19.0195

Sweetspot

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



163.1410, -57.2575, 71.7903



229.8490, -17.6736, 22.0574



117.8300, 15.3668, 111.5281



112.6290, -10.6631, 13.4804



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.



163.1410, -57.2575, 71.7903



152.8800, -71.4258, 89.5592



220.6670, -85.6178, 21.3400



117.1100, -3.5052, 4.2885



109.0310, -53.7523, 67.5018



34.6640, -17.0894, 21.3427

Inverse Universe

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



128.8590, 57.2575, -71.7903



110.1200, 71.4258, -89.5592



71.3330, 85.6178, -21.3400



114.8900, 3.5052, -4.2885



76.9690, 53.7523, -67.5018



24.3360, 17.0894, -21.3427

Previews

White Background



This preview shows how the YUV color 163.1410, -57.2575, 71.7903 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 163.1410, -57.2575, 71.7903 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.1410, -57.2575, 71.7903

Background



This preview shows how black text looks on a background with the YUV color 163.1410, -57.2575, 71.7903.



This preview shows how white text looks on a background with the YUV color 163.1410, -57.2575, 71.7903.

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

163.1410, -57.2575, 71.7903

Protanopia

162.7560, -53.6167, 23.8930

Deuteranopia

162.7540, -60.5177, 44.0657



Tritanopia

170.4110, -13.0206, 69.7996

Trichromacy



Original Color

163.1410, -57.2575, 71.7903

Protanomaly

163.1110, -55.2707, 41.1217

Deuteranomaly

163.1620, -59.2399, 54.2319

Tritanomaly

167.5840, -28.8819, 70.5248

Monochromacy



Original Color

163.1410, -57.2575, 71.7903

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0730, -20.7420, 26.2460

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1410, -57.2575, 71.7903 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(245, 144, 47)` looks like.

```
.text, #text, p{  
    color:rgb(245, 144, 47)  
}
```

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(245, 144, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 144, 47) }
```

Border

The CSS property to change the border of an element to YUV 163.1410, -57.2575, 71.7903 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(245, 144, 47) }
```


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

```
.border{ border-color:rgb(245, 144, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 144, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 144, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 144, 47);  
box-shadow:4px 4px 4px 4px rgb(245, 144,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 163.1410, -57.2575, 71.7903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 144, 47) }
```

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

```
.background{ background-color: rgb(245,  
144, 47) }
```

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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