

Converting Colors

YUV(157.0710, -61.1670,
65.7127)

Have a look what the booklet for
YUV(157.0710, -61.1670, 65.7127)
contains.

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Color

**YUV(157.0710, -61.1670,
65.7127)**

Conversions

Conversions Part 1

Format	Color
Hex	E88F21
RGB	232, 143, 33
RGB Percent	91%, 56%, 13%
CMY	0.0902, 0.4392, 0.8706
CMYK	0.00, 0.38, 0.86, 0.09
HSL	33°, 81%, 52%
HSV	33°, 86%, 91%
XYZ	43.3757, 36.9105, 6.2771
YIQ	157.0710, 88.3540, -15.3420

Conversions

Conversions Part 2

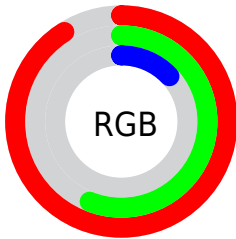
Format	Color
RYB	194, 232, 33
Decimal	15240993
CIELab	67.21, 26.29, 66.20
CIELCh	67, 71.232, 68.343
Yxy	36.9105, 0.5011, 0.4264
Android (android.graphics.Color)	4293431073 (0xFFE88F21)
YUV	157.0710, -61.1670, 65.7127
Hunter-Lab	60.7540, 21.1215, 36.4020

Details

The YUV color **157.0710, -61.1670, 65.7127** 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 **107.9290, 61.1670, -65.7127**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1440, -55.2870, 46.3547**, and **104.8340, -51.6832, 57.1506** is the 20% darker color. If you saturate the color by 10%, you get **148.5790, -68.3194, 73.1602**, and if you desaturate by 10%, it is **165.5630, -54.0146, 58.2652**.

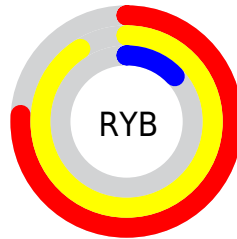
Distribution



Red (91%)

Green (56%)

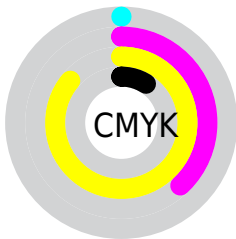
Blue (13%)



Red (76%)

Yellow (91%)

Blue (13%)

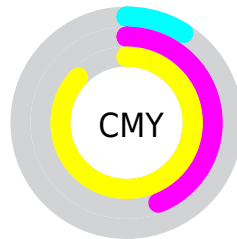


Cyan (0%)

Magenta (38%)

Yellow (86%)

Black (9%)



Cyan (9%)

Magenta (44%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.0710, -61.1670, 65.7127 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 157.0710, -61.1670, 65.7127 by changing the saturation by 10% instead.

157.0710,
-61.1670, 65.7127

157.0710,
-61.1670, 65.7127

255.0000, 0.0000,
0.0000

128.7780,
-63.4876, 63.3387

202.1440,
-55.2870, 46.3547

104.8340,
-51.6832, 57.1506

221.6580,
-51.5964, 29.2409

81.7760, -40.3156,
51.0624

241.7590,
-48.1952, 11.6124

59.3050, -29.2374,
44.4595

245.5380,
-36.2542, 8.2982

37.4320, -18.4540,
39.0861

248.7300,
-24.0239, 5.4988

16.1460, -7.9600,
33.1980

252.0360,

8.1870, -3.5432,

-11.3567, 2.5994

16.4990

■ 0.0000, 0.0000,
0.0000

■ 157.0710,
-61.1670, 65.7127

■ 157.0710,
-61.1670, 65.7127

■ 148.5790,
-68.3194, 73.1602

■ 165.5630,
-54.0146, 58.2652

■ 144.5040,
-71.2405, 76.7340

■ 174.6420,
-47.1515, 50.3030

■ 183.2480,
-39.5623, 42.7555

■ 192.3270,
-32.6992, 34.7932

■ 200.8190,
-25.5468, 27.3457

■ 209.3110,
-18.3943, 19.8983

■ 218.3900,
-11.5313, 11.9360

■ 226.9960, -3.9420,
4.3885

■ 235.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



154.2550, -33.1567, 88.3534



157.0710, -61.1670, 65.7127



150.6640, -74.2774, 23.9737

Triad

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



157.0710, -61.1670, 65.7127



134.3980, 22.4818, -117.8670



166.5870, 43.5876, 19.6562

Complementary

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



157.0710, -61.1670, 65.7127



107.9290, 61.1670, -65.7127

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.



131.3070, 60.9806, -99.3702



157.0710, -61.1670, 65.7127



140.2920, 50.1420, -123.0361

Square

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



157.0710, -61.1670, 65.7127



124.5260, -5.1893, -109.2093



136.4910, 58.4249, -119.7026



164.6840, 23.3268, 78.3301

Rectangle

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



157.0710, -61.1670, 65.7127



148.6130, -56.9972, -11.9386



136.4910, 58.4249, -119.7026



162.2910, 45.7055, -6.3942

Sweetspot

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



157.0710, -61.1670, 65.7127



229.8660, -20.1469, 22.0425



102.7610, 9.9778, 113.3426



112.8740, -12.2629, 13.2655



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.



157.0710, -61.1670, 65.7127



159.0120, -78.3929, 84.1815



206.3240, -85.4487, 13.7479



110.6970, -3.7946, 3.7737



111.6340, -55.0356, 59.0800



31.6850, -15.6207, 16.9393

Inverse Universe

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



107.9290, 61.1670, -65.7127



95.9880, 78.3929, -84.1815



58.6760, 85.4487, -13.7479



107.3030, 3.7946, -3.7737



67.3660, 55.0356, -59.0800



19.3150, 15.6207, -16.9393

Previews

White Background



This preview shows how the YUV color 157.0710, -61.1670, 65.7127 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 157.0710, -61.1670, 65.7127 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 157.0710, -61.1670, 65.7127

Background



This preview shows how black text looks on a background with the YUV color 157.0710, -61.1670, 65.7127.



This preview shows how white text looks on a background with the YUV color 157.0710, -61.1670,

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

157.0710, -61.1670, 65.7127

Protanopia

155.7300, -57.5479, 24.7928

Deuteranopia

156.3150, -64.7383, 44.4507



Tritanopia

165.2360, -10.9623, 62.9370

Trichromacy



Original Color

157.0710, -61.1670, 65.7127

Protanomaly

155.8890, -58.6123, 39.5623

Deuteranomaly

156.4130, -63.3076, 52.2578

Tritanomaly

162.4260, -29.2970, 63.6474

Monochromacy



Original Color

157.0710, -61.1670, 65.7127

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0080, -22.1889, 23.6720

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.0710, -61.1670, 65.7127 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, 143, 33)` looks like.

```
.text, #text, p{  
    color:rgb(232, 143, 33)  
}
```

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, 143, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 143, 33) }
```

Border

The CSS property to change the border of an element to YUV 157.0710, -61.1670, 65.7127 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, 143, 33) }
```


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

```
.border{ border-color:rgb(232, 143, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 143, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 143, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 143, 33);  
box-shadow:4px 4px 4px 4px rgb(232, 143,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 157.0710, -61.1670, 65.7127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 143, 33) }
```

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

```
.background{ background-color: rgb(232,  
143, 33) }
```

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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