

Converting Colors

YUV(128.9860, -58.6601,
101.7443)

Have a look what the booklet for
YUV(128.9860, -58.6601, 101.7443)
contains.

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Color

**YUV(128.9860, -58.6601,
101.7443)**

Conversions

Conversions Part 1

Format	Color
Hex	F55D0A
RGB	245, 93, 10
RGB Percent	96%, 36%, 4%
CMY	0.0392, 0.6353, 0.9608
CMYK	0.00, 0.62, 0.96, 0.04
HSL	21°, 92%, 50%
HSV	21°, 96%, 96%
XYZ	41.6253, 27.2631, 3.3556
YIQ	128.9860, 117.2350, 6.4110

Conversions

Conversions Part 2

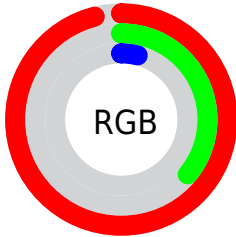
Format	Color
RYB	245, 138, 10
Decimal	16080138
CIELab	59.22, 55.49, 66.98
CIELCh	59, 86.980, 50.359
Yxy	27.2631, 0.5762, 0.3774
Android (android.graphics.Color)	4294270218 (0xFFF55D0A)
YUV	128.9860, -58.6601, 101.7443
Hunter-Lab	52.2141, 50.9265, 32.7395

Details

The YUV color **128.9860, -58.6601, 101.7443** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **126.0140, 58.6601, -101.7443**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1010, -49.8428, 73.5794**, and **73.7780, -36.3726, 93.1567** is the 20% darker color. If you saturate the color by 10%, you get **124.3240, -61.2917, 105.8329**, and if you desaturate by 10%, it is **141.1140, -52.8072, 91.1080**.

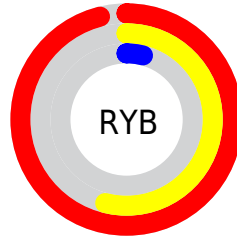
Distribution



Red (96%)

Green (36%)

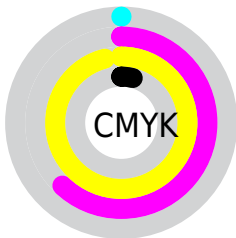
Blue (4%)



Red (96%)

Yellow (54%)

Blue (4%)

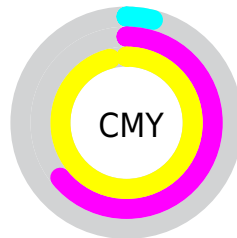


Cyan (0%)

Magenta (62%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.9860, -58.6601, 101.7443 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 128.9860, -58.6601, 101.7443 by changing the saturation by 10% instead.

128.9860,
-58.6601, 101.7443

128.9860,
-58.6601, 101.7443

255.0000, 0.0000,
0.0000

101.5430,
-50.0607, 96.8708

171.1010,
-49.8428, 73.5794

73.7780, -36.3726,
93.1567

190.6150,
-46.1522, 56.4656

44.2520, -21.8162,
90.9870

210.6020,
-43.1878, 38.9370

34.9830, -17.2466,
71.9289

230.8170,
-39.3498, 21.2085

25.7140, -12.6770,
52.8708

246.2220,
-33.6334, 7.6983

17.8690, -7.8234,
36.0719

249.5280,


5.9800, -2.9481,


-20.9663, 4.7989


12.2955


 252.7200, -8.7360,
1.9996


 0.0000, 0.0000,
0.0000

 128.9860,
-58.6601, 101.7443


 128.9860,
-58.6601, 101.7443

 124.3240,
-61.2917, 105.8329

 141.1140,
-52.8072, 91.1080

 153.3560,
-46.5175, 80.3718

 165.5980,
-40.2278, 69.6356

 177.1390,
-34.0855, 59.5141

 189.2670,
-28.2326, 48.8778

■ 201.5090,
-21.9429, 38.1416

■ 213.7510,
-15.6532, 27.4054

■ 225.8790, -9.8003,
16.7691

■ 238.1210, -3.5107,
6.0329

Harmonies

Analogous

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



112.9030, -8.8262, 124.6191



128.9860, -58.6601, 101.7443



134.6040, -66.3598, 51.2133

Triad

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



128.9860, -58.6601, 101.7443



114.5470, -0.2697, -100.4577



124.1730, 64.4977, -60.6647

Complementary

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



128.9860, -58.6601, 101.7443



126.0140, 58.6601, -101.7443

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.



122.9900, 65.0809, -107.8622



128.9860, -58.6601, 101.7443



124.8410, 34.0954, -109.4856

Square

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



128.9860, -58.6601, 101.7443



100.9930, -36.9715, -88.5709



130.0340, 61.6082, -114.0398



143.3710, 48.1311, 55.8026

Rectangle

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



128.9860, -58.6601, 101.7443



131.4270, -64.7935, 15.4115



130.0340, 61.6082, -114.0398



113.5980, 69.7112, -99.6254

Sweetspot

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



128.9860, -58.6601, 101.7443



218.3880, -18.4323, 32.1087



97.7070, 32.1894, 129.1760



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.



128.9860, -58.6601, 101.7443



129.0750, -63.6340, 110.4362



197.6650, -92.5188, 41.5128



115.9360, -2.9264, 5.3181



94.3560, -46.5175, 80.3718



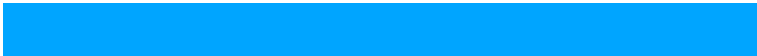
29.9680, -14.7742, 25.4611

Inverse Universe

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



126.0140, 58.6601, -101.7443



125.9250, 63.6340, -110.4362



57.3350, 92.5188, -41.5128



116.0640, 2.9264, -5.3181



91.6440, 46.5175, -80.3718



29.0320, 14.7742, -25.4611

Previews

White Background



This preview shows how the YUV color 128.9860, -58.6601, 101.7443 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 128.9860, -58.6601, 101.7443 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 128.9860, -58.6601, 101.7443 Background



This preview shows how black text looks on a background with the YUV color 128.9860, -58.6601, 101.7443.



This preview shows how white text looks on a background with the YUV color 128.9860, -58.6601, 101.7443.

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

128.9860, -58.6601, 101.7443

Protanopia

135.1580, -53.3219, 22.6634

Deuteranopia

133.6520, -65.8904, 40.6472



Tritanopia

135.4100, -21.4011, 97.8644

Trichromacy



Original Color

128.9860, -58.6601, 101.7443

Protanomaly

133.1770, -55.3033, 51.5878

Deuteranomaly

131.8920, -63.0508, 63.2387

Tritanomaly

132.8650, -34.9364, 99.2194

Monochromacy



Original Color

128.9860, -58.6601, 101.7443

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0250, -21.2113, 36.8121

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9860, -58.6601, 101.7443 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, 93, 10)` looks like.

```
.text, #text, p{  
    color:rgb(245, 93, 10)  
}
```

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, 93, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 93, 10) }
```

Border

The CSS property to change the border of an element to YUV 128.9860, -58.6601, 101.7443 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, 93, 10) }
```


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

```
.border{ border-color:rgb(245, 93, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 93, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 93, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 93, 10);  
box-shadow:4px 4px 4px 4px rgb(245, 93,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 128.9860, -58.6601, 101.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 93, 10) }
```

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

```
.background{ background-color: rgb(245, 93,  
10) }
```

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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