

Converting Colors

YUV(158.6590, -66.3869,
59.9351)

Have a look what the booklet for
YUV(158.6590, -66.3869, 59.9351)
contains.

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Color

**YUV(158.6590, -66.3869,
59.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	E39618
RGB	227, 150, 24
RGB Percent	89%, 59%, 9%
CMY	0.1098, 0.4118, 0.9059
CMYK	0.00, 0.34, 0.89, 0.11
HSL	37°, 81%, 49%
HSV	37°, 89%, 89%
XYZ	42.7498, 38.2095, 5.9862
YIQ	158.6590, 86.3380, -22.8620

Conversions

Conversions Part 2

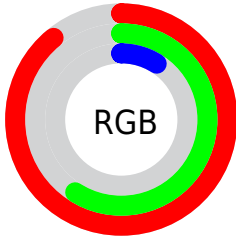
Format	Color
R _{YB}	148, 227, 24
Decimal	14915096
CIE Lab	68.17, 20.27, 69.08
CIE LCh	68, 71.992, 73.648
Yxy	38.2095, 0.4917, 0.4395
Android (android.graphics.Color)	4293105176 (0xFFE39618)
YUV	158.6590, -66.3869, 59.9351
Hunter-Lab	61.8139, 15.2743, 37.5279

Details

The YUV color **158.6590, -66.3869, 59.9351** 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 **92.3410, 66.3869, -59.9351**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6830, -59.4967, 43.2510**, and **107.7470, -53.1193, 51.0879** is the 20% darker color. If you saturate the color by 10%, you get **150.7540, -73.8287, 66.8677**, and if you desaturate by 10%, it is **166.5640, -58.9451, 53.0024**.

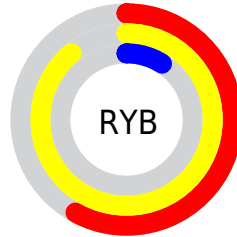
Distribution



Red (89%)

Green (59%)

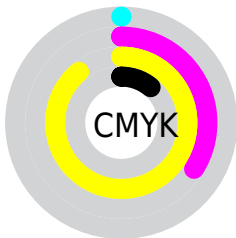
Blue (9%)



Red (58%)

Yellow (89%)

Blue (9%)

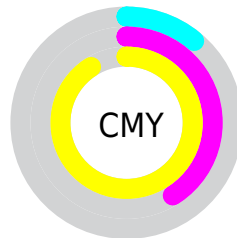


Cyan (0%)

Magenta (34%)

Yellow (89%)

Black (11%)



Cyan (11%)

Magenta (41%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6590, -66.3869, 59.9351 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 158.6590, -66.3869, 59.9351 by changing the saturation by 10% instead.

158.6590,
-66.3869, 59.9351

158.6590,
-66.3869, 59.9351

255.0000, 0.0000,
0.0000

131.3920,
-64.7763, 56.6612

205.6830,
-59.4967, 43.2510

107.7470,
-53.1193, 51.0879

225.1970,
-55.8061, 26.1372

84.6890, -41.7517,
44.9997

241.8900,
-50.2318, 11.4975

62.2180, -30.6735,
38.3968

245.0820,
-38.0014, 8.6981

40.9320, -20.1795,
32.5086

248.2740,
-25.7711, 5.8987

20.5320, -10.1223,
26.7204

251.5800,

7.5890, -3.2484,

-13.1039, 2.9993

15.2694

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 158.6590,
-66.3869, 59.9351

■ 158.6590,
-66.3869, 59.9351

■ 150.7540,
-73.8287, 66.8677

■ 166.5640,
-58.9451, 53.0024

■ 150.6400,
-74.2655, 66.9677

■ 173.7680,
-51.6506, 46.6845

■ 181.6730,
-44.2088, 39.7518

■ 188.9910,
-36.4776, 33.3339

■ 196.8960,
-29.0357, 26.4012

■ 204.6870,
-22.0307, 19.5685

■ 212.0050,
-14.2995, 13.1506

■ 219.9100, -6.8576,
6.2179

■ 227.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



156.8650, -38.3874, 86.0644



158.6590, -66.3869, 59.9351



152.0220, -73.9608, 15.7667

Triad

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



158.6590, -66.3869, 59.9351



137.8690, 28.1656, -120.9111



170.2080, 41.8025, 32.2666

Complementary

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



158.6590, -66.3869, 59.9351



92.3410, 66.3869, -59.9351

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.



150.1550, 51.6886, -58.8949



158.6590, -66.3869, 59.9351



142.9480, 55.2416, -125.3654

Square

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



158.6590, -66.3869, 59.9351



128.3560, -0.6685, -112.5682



136.4910, 58.4249, -119.7026



162.8970, 20.2638, 80.7743

Rectangle

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



158.6590, -66.3869, 59.9351



149.5130, -52.0179, -22.3749



136.4910, 58.4249, -119.7026



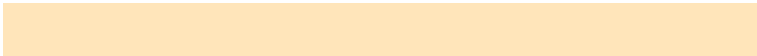
166.8090, 43.4782, 8.0605

Sweetspot

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



158.6590, -66.3869, 59.9351



231.8720, -22.6149, 20.2833



93.5890, 4.1466, 117.0014



113.9340, -13.2785, 12.3359



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.



158.6590, -66.3869, 59.9351



168.9910, -83.3126, 75.4299



196.6820, -85.1322, 5.5409



110.6970, -3.7946, 3.7737



118.6780, -58.5083, 52.9024



34.0330, -16.7783, 14.8801

Inverse Universe

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



92.3410, 66.3869, -59.9351



86.0090, 83.3126, -75.4299



54.3180, 85.1322, -5.5409



107.3030, 3.7946, -3.7737



60.3220, 58.5083, -52.9024



16.9670, 16.7783, -14.8801

Previews

White Background



This preview shows how the YUV color 158.6590, -66.3869, 59.9351 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 158.6590, -66.3869, 59.9351 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 158.6590, -66.3869, 59.9351 Background



This preview shows how black text looks on a background with the YUV color 158.6590, -66.3869, 59.9351.



This preview shows how white text looks on a background with the YUV color 158.6590, -66.3869, 59.9351.

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

158.6590, -66.3869, 59.9351

Protanopia

157.5470, -63.3737, 26.7073

Deuteranopia

157.6590, -69.8379, 46.7801



Tritanopia

168.9470, -9.3409, 56.1745

Trichromacy



Original Color

158.6590, -66.3869, 59.9351

Protanomaly

157.9830, -64.5746, 38.6029

Deuteranomaly

158.0340, -68.5438, 51.7132

Tritanomaly

165.4530, -30.2963, 57.4847

Monochromacy



Original Color

158.6590, -66.3869, 59.9351

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1280, -24.2201, 21.8127

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6590, -66.3869, 59.9351 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(227, 150, 24)` looks like.

```
.text, #text, p{  
    color:rgb(227, 150, 24)  
}
```

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(227, 150, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 150, 24) }
```

Border

The CSS property to change the border of an element to YUV 158.6590, -66.3869, 59.9351 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(227, 150, 24) }
```


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

```
.border{ border-color:rgb(227, 150, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 150, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 150, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 150, 24);  
box-shadow:4px 4px 4px 4px rgb(227, 150,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 158.6590, -66.3869, 59.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 150, 24) }
```

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

```
.background{ background-color: rgb(227,  
150, 24) }
```

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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