

Converting Colors

YUV(158.4720, -59.3927,
56.5911)

Have a look what the booklet for
YUV(158.4720, -59.3927, 56.5911)
contains.

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Color

**YUV(158.4720, -59.3927,
56.5911)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9526
RGB	223, 149, 38
RGB Percent	87%, 58%, 15%
CMY	0.1255, 0.4157, 0.8510
CMYK	0.00, 0.33, 0.83, 0.13
HSL	36°, 74%, 51%
HSV	36°, 83%, 87%
XYZ	41.5287, 37.3228, 6.8489
YIQ	158.4720, 79.7350, -18.8330

Conversions

Conversions Part 2

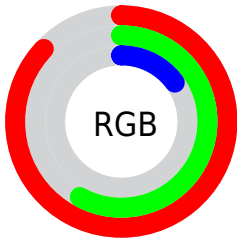
Format	Color
RYB	161, 223, 38
Decimal	14652710
CIELab	67.52, 19.41, 64.46
CIElCh	68, 67.318, 73.238
Yxy	37.3228, 0.4846, 0.4355
Android (android.graphics.Color)	4292842790 (0xFFDF9526)
YUV	158.4720, -59.3927, 56.5911
Hunter-Lab	61.0924, 14.4271, 36.1178

Details

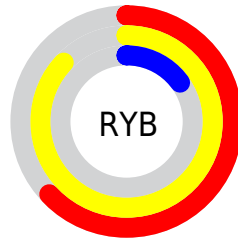
The YUV color **158.4720, -59.3927, 56.5911** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **102.5280, 59.3927, -56.5911**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1220, -55.2761, 42.8660**, and **105.9640, -52.2403, 49.1436** is the 20% darker color. If you saturate the color by 10%, you get **150.6810, -66.3977, 63.4238**, and if you desaturate by 10%, it is **166.2630, -52.3877, 49.7583**.

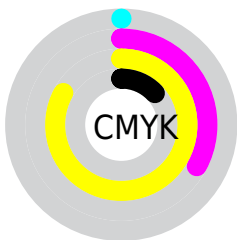
Distribution



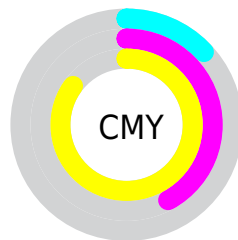
- Red (87%)
- Green (58%)
- Blue (15%)



- Red (63%)
- Yellow (87%)
- Blue (15%)



- Cyan (0%)
- Magenta (33%)
- Yellow (83%)
- Black (13%)




- Cyan (13%)
- Magenta (42%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.4720, -59.3927, 56.5911 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 158.4720, -59.3927, 56.5911 by changing the saturation by 10% instead.

 158.4720,
-59.3927, 56.5911


 158.4720,
-59.3927, 56.5911


255.0000, 0.0000,
0.0000


 129.6090,
-63.8972, 54.7169


 206.1220,
-55.2761, 42.8660

 105.9640,
-52.2403, 49.1436


 225.6360,
-51.5855, 25.7522

 83.2050, -41.0201,
43.6702


 242.8020,
-46.7374, 10.6976

 61.0330, -30.0893,
37.6821

 245.9940,
-34.5070, 7.8983

 40.3340, -19.8847,
31.2791

 249.1860,
-22.2767, 5.0989

 19.9340, -9.8275,
25.4909

 252.4920, -9.6096,

 5.9800, -2.9481,

2.1995

12.2955

■ 0.0000, 0.0000,
0.0000

■ 158.4720,
-59.3927, 56.5911

■ 158.4720,
-59.3927, 56.5911

■ 150.6810,
-66.3977, 63.4238

■ 166.2630,
-52.3877, 49.7583

■ 145.3350,
-71.6502, 68.1122

■ 174.1680,
-44.9458, 42.8257

■ 181.9590,
-37.9408, 35.9930

■ 189.7500,
-30.9357, 29.1603

■ 197.6550,
-23.4939, 22.2276

■ 205.4460,
-16.4889, 15.3949

■ 212.6500, -9.1944,
9.0770

■ 220.4410, -2.1894,
2.2442

■ 228.3460, 5.2524,
-4.6884

Harmonies

Analogous

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



158.6090, -36.7822, 84.5349



158.4720, -59.3927, 56.5911



153.6980, -62.4621, 14.2969

Triad

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



158.4720, -59.3927, 56.5911



134.9510, 27.1392, -118.3520



169.1860, 41.8133, 28.7779

Complementary

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



158.4720, -59.3927, 56.5911



102.5280, 59.3927, -56.5911

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.



151.3730, 51.0881, -52.9471



158.4720, -59.3927, 56.5911



139.5740, 52.4680, -122.4064

Square

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



158.4720, -59.3927, 56.5911



126.5950, 0.1997, -111.0238



135.3170, 59.0037, -118.6730



164.9030, 17.7958, 79.0151

Rectangle

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



158.4720, -59.3927, 56.5911



149.6750, -47.6608, -19.8860



135.3170, 59.0037, -118.6730



166.2110, 43.7730, 6.8310

Sweetspot

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



158.4720, -59.3927, 56.5911



233.0290, -20.7203, 19.2686



101.7510, 5.0528, 106.3354



114.1620, -12.4049, 12.1359



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.



158.4720, -59.3927, 56.5911



166.0560, -81.8656, 78.0039



196.5280, -78.1543, 7.4299



108.3980, -3.6472, 3.1590



114.8460, -56.6191, 53.6321



31.3750, -15.4679, 14.5801

Inverse Universe

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



102.5280, 59.3927, -56.5911



88.9440, 81.8656, -78.0039



64.4720, 78.1543, -7.4299



104.6020, 3.6472, -3.1590



61.1540, 56.6191, -53.6321



16.6250, 15.4679, -14.5801

Previews

White Background



This preview shows how the YUV color 158.4720, -59.3927, 56.5911 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 158.4720, -59.3927, 56.5911 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 158.4720, -59.3927, 56.5911

Background



This preview shows how black text looks on a background with the YUV color 158.4720, -59.3927, 56.5911.



This preview shows how white text looks on a background with the YUV color 158.4720, -59.3927, 56.5911.

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

158.4720, -59.3927, 56.5911

Protanopia

156.9580, -56.6743, 24.5928

Deuteranopia

157.6400, -60.9545, 44.1657



Tritanopia

167.0500, -8.8986, 54.3302

Trichromacy



Original Color

158.4720, -59.3927, 56.5911

Protanomaly

157.5080, -57.4384, 36.3885

Deuteranomaly

157.4880, -60.3866, 48.6840

Tritanomaly

164.2400, -27.2333, 55.0405

Monochromacy



Original Color

158.4720, -59.3927, 56.5911

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.3990, -21.8887, 20.6981

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4720, -59.3927, 56.5911 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(223, 149, 38)` looks like.

```
.text, #text, p{  
    color:rgb(223, 149, 38)  
}
```

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(223, 149, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 149, 38) }
```

Border

The CSS property to change the border of an element to YUV 158.4720, -59.3927, 56.5911 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(223, 149, 38) }
```


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

```
.border{ border-color:rgb(223, 149, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 149, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 149, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 149, 38);  
box-shadow:4px 4px 4px 4px rgb(223, 149,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 158.4720, -59.3927, 56.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 149, 38) }
```

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

```
.background{ background-color: rgb(223,  
149, 38) }
```

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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