

Converting Colors

YUV(156.1730, -72.5563,
78.7783)

Have a look what the booklet for
YUV(156.1730, -72.5563, 78.7783)
contains.

YUV(156.1730, -72.5563, 78.7783)	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(156.1730, -72.5563,
78.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	F68B09
RGB	246, 139, 9
RGB Percent	96%, 55%, 4%
CMY	0.0353, 0.4549, 0.9647
CMYK	0.00, 0.43, 0.96, 0.04
HSL	33°, 93%, 50%
HSV	33°, 96%, 96%
XYZ	47.2880, 38.0778, 5.1158
YIQ	156.1730, 105.5020, -17.7460

Conversions

Conversions Part 2

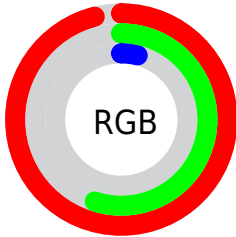
Format	Color
R _Y B	204, 246, 9
Decimal	16157449
CIE Lab	68.08, 33.79, 72.79
CIE LCh	68, 80.253, 65.100
Yxy	38.0778, 0.5226, 0.4208
Android (android.graphics.Color)	4294347529 (0xFFFF68B09)
YUV	156.1730, -72.5563, 78.7783
Hunter-Lab	61.7072, 28.8020, 38.2796

Details

The YUV color **156.1730, -72.5563, 78.7783** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **98.8270, 72.5563, -78.7783**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3140, -59.8078, 49.7136**, and **106.3730, -52.4419, 67.2019** is the 20% darker color. If you saturate the color by 10%, you get **152.7990, -75.3299, 81.7373**, and if you desaturate by 10%, it is **165.4800, -64.8196, 70.6160**.

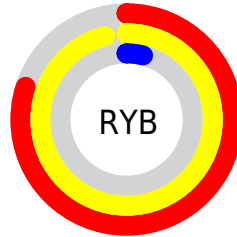
Distribution



Red (96%)

Green (55%)

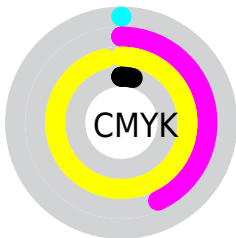
Blue (4%)



Red (80%)

Yellow (96%)

Blue (4%)

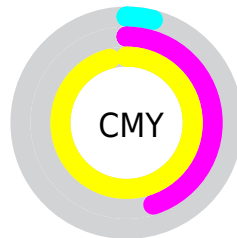


Cyan (0%)

Magenta (43%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (45%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1730, -72.5563, 78.7783 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 156.1730, -72.5563, 78.7783 by changing the saturation by 10% instead.

156.1730,
-72.5563, 78.7783

156.1730,
-72.5563, 78.7783

255.0000, 0.0000,
0.0000

130.3170,
-64.2463, 73.3900

198.3140,
-59.8078, 49.7136

106.3730,
-52.4419, 67.2019

217.9420,
-55.6804, 32.4999

82.4290, -40.6375,
61.0138

238.0430,
-52.2792, 14.8713

59.0720, -29.1225,
54.3109

244.1700,
-41.4958, 9.4979

35.1390, -17.3235,
49.8671

247.4760,
-28.8287, 6.5985

18.8370, -9.2866,
38.7310

250.7820,

11.7750, -5.3121,

-16.1615, 3.6992

23.8763

254.0880, -3.4944,
0.7998

0.0000, 0.0000,
0.0000

156.1730,
-72.5563, 78.7783

156.1730,
-72.5563, 78.7783

152.7990,
-75.3299, 81.7373

165.4800,
-64.8196, 70.6160

174.6730,
-57.5198, 62.5538

183.9800,
-49.7831, 54.3915

193.1730,
-42.4833, 46.3293

203.0670,
-35.0360, 37.6522

■ 212.3740,
-27.2994, 29.4900

■ 221.5670,
-19.9995, 21.4277

■ 230.8740,
-12.2629, 13.2655

■ 240.0670, -4.9630,
5.2032

Harmonies

Analogous

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



147.7980, -29.9734, 94.0162



156.1730, -72.5563, 78.7783



154.2410, -76.0408, 29.6066

Triad

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



156.1730, -72.5563, 78.7783



136.9910, 19.7244, -120.1411



165.9560, 43.8987, 13.1936

Complementary

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



156.1730, -72.5563, 78.7783



98.8270, 72.5563, -78.7783

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.



129.4470, 61.8976, -113.5250



156.1730, -72.5563, 78.7783



143.9110, 51.3159, -126.2099

Square

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



156.1730, -72.5563, 78.7783



125.9790, -12.3146, -110.4836



140.0130, 56.6886, -122.7914



163.2850, 31.9045, 80.4341

Rectangle

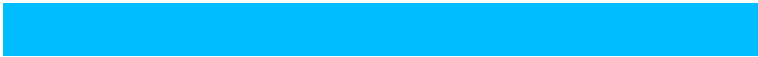
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.1730, -72.5563, 78.7783



147.5200, -72.7274, -6.5950



140.0130, 56.6886, -122.7914



159.2570, 47.2013, -19.5194

Sweetspot

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



156.1730, -72.5563, 78.7783



227.1930, -22.7731, 24.3867



92.5170, 13.5491, 134.6046



110.5430, -13.5787, 15.3098



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.



156.1730, -72.5563, 78.7783



158.4250, -78.1035, 84.6963



216.5900, -102.3419, 18.7766



117.6970, -3.7946, 3.7737



115.4880, -56.9356, 61.8390



36.4250, -17.9575, 19.7983

Inverse Universe

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



98.8270, 72.5563, -78.7783



96.5750, 78.1035, -84.6963



38.4100, 102.3419, -18.7766



114.8900, 3.5052, -4.2885



70.5120, 56.9356, -61.8390



21.9880, 18.2469, -19.2835

Previews

White Background



This preview shows how the YUV color 156.1730, -72.5563, 78.7783 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 156.1730, -72.5563, 78.7783 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 156.1730, -72.5563, 78.7783

Background



This preview shows how black text looks on a background with the YUV color 156.1730, -72.5563, 78.7783.



This preview shows how white text looks on a background with the YUV color 156.1730, -72.5563, 78.7783.

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

156.1730, -72.5563, 78.7783

Protanopia

156.6350, -66.8681, 27.5071

Deuteranopia

155.5360, -76.6792, 47.7649



Tritanopia

166.5040, -14.0525, 74.1030

Trichromacy



Original Color

156.1730, -72.5563, 78.7783

Protanomaly

156.5880, -68.8169, 45.9653

Deuteranomaly

155.6560, -75.2594, 59.0607

Tritanomaly

162.8960, -35.4447, 75.5132

Monochromacy



Original Color

156.1730, -72.5563, 78.7783

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.3030, -26.2784, 28.6753

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1730, -72.5563, 78.7783 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(246, 139, 9)` looks like.

```
.text, #text, p{  
    color:rgb(246, 139, 9)  
}
```

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(246, 139, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 139, 9) }
```

Border

The CSS property to change the border of an element to YUV 156.1730, -72.5563, 78.7783 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(246, 139, 9) }
```


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

```
.border{ border-color:rgb(246, 139, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 139, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 139, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 139, 9);  
box-shadow:4px 4px 4px 4px rgb(246, 139,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 156.1730, -72.5563, 78.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 139, 9) }
```

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

```
.background{ background-color: rgb(246,  
139, 9) }
```

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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