

Converting Colors

YUV(165.4760, -72.2127,
61.8495)

Have a look what the booklet for
YUV(165.4760, -72.2127, 61.8495)
contains.

YUV(165.4760, -72.2127, 61.8495)	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(165.4760, -72.2127,
61.8495)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9E13
RGB	236, 158, 19
RGB Percent	93%, 62%, 7%
CMY	0.0745, 0.3804, 0.9255
CMYK	0.00, 0.33, 0.92, 0.07
HSL	38°, 85%, 50%
HSV	38°, 92%, 93%
XYZ	46.9365, 42.3336, 6.3135
YIQ	165.4760, 91.1070, -26.6930

Conversions

Conversions Part 2

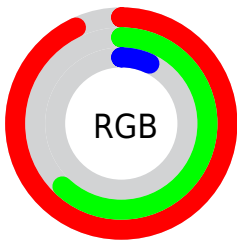
Format	Color
RYB	141, 236, 19
Decimal	15506963
CIELab	71.10, 19.78, 72.76
CIElCh	71, 75.402, 74.794
Yxy	42.3336, 0.4911, 0.4429
Android (android.graphics.Color)	4293697043 (0xFFEC9E13)
YUV	165.4760, -72.2127, 61.8495
Hunter-Lab	65.0643, 14.9050, 39.7918

Details

The YUV color **165.4760, -72.2127, 61.8495** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **89.5240, 72.2127, -61.8495**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.8520, -62.5380, 38.7178**, and **114.8350, -56.6137, 51.8877** is the 20% darker color. If you saturate the color by 10%, you get **159.2010, -78.4861, 67.3527**, and if you desaturate by 10%, it is **172.9080, -64.0446, 55.3317**.

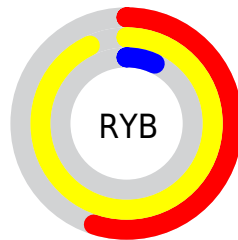
Distribution



Red (93%)

Green (62%)

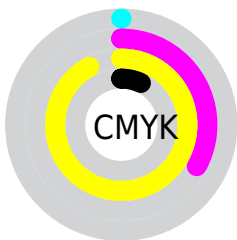
Blue (7%)



Red (55%)

Yellow (93%)

Blue (7%)

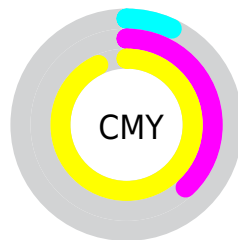


Cyan (0%)

Magenta (33%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (38%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4760, -72.2127, 61.8495 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 165.4760, -72.2127, 61.8495 by changing the saturation by 10% instead.

165.4760,
-72.2127, 61.8495

165.4760,
-72.2127, 61.8495

255.0000, 0.0000,
0.0000

138.7790,
-68.4180, 58.0758

210.8520,
-62.5380, 38.7178

114.8350,
-56.6137, 51.8877

230.4800,
-58.4106, 21.5040

91.1900, -44.9567,
46.3144

241.8900,
-50.2318, 11.4975

68.7190, -33.8785,
39.7114

245.0820,
-38.0014, 8.6981

47.4330, -23.3845,
33.8233

248.2740,
-25.7711, 5.8987

27.0330, -13.3273,
28.0351

251.5800,

10.7640, -5.3067,

-13.1039, 2.9993

22.1320

■ 0.0000, 0.0000,
0.0000

■ 165.4760,
-72.2127, 61.8495

■ 165.4760,
-72.2127, 61.8495

■ 159.2010,
-78.4861, 67.3527

■ 172.9080,
-64.0446, 55.3317

■ 180.8130,
-56.6028, 48.3990

■ 188.2450,
-48.4348, 41.8811

■ 196.1500,
-40.9929, 34.9485

■ 203.5820,
-32.8249, 28.4306

■ 211.6010,
-24.9463, 21.3979

■ 218.9190,
-17.2151, 14.9800

■ 226.9380, -9.3364,
7.9474

■ 234.2560, -1.6052,
1.5295

Harmonies

Analogous

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



160.9740, -40.4132, 82.4608



165.4760, -72.2127, 61.8495



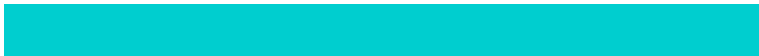
158.5720, -78.1760, 14.4074

Triad

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



165.4760, -72.2127, 61.8495



144.5200, 30.8026, -126.7440



177.0300, 38.4392, 37.6847

Complementary

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



165.4760, -72.2127, 61.8495



89.5240, 72.2127, -61.8495

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.



156.9660, 48.3308, -55.2212



165.4760, -72.2127, 61.8495



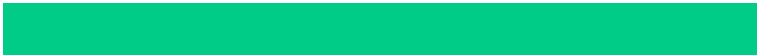
148.2310, 52.6371, -129.9986

Square

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



165.4760, -72.2127, 61.8495



135.2520, 0.3688, -118.6160



141.7740, 55.8204, -124.3358



165.5700, 22.8900, 78.4301

Rectangle

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



165.4760, -72.2127, 61.8495



155.7360, -53.6068, -26.0785



141.7740, 55.8204, -124.3358



174.2180, 39.8255, 12.9638

Sweetspot

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



165.4760, -72.2127, 61.8495



231.6440, -23.4885, 20.4832



93.0030, 2.9565, 125.4084



113.5920, -14.5889, 12.6358



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.



165.4760, -72.2127, 61.8495



171.9260, -84.7595, 72.8559



202.5910, -90.5104, 3.8667



113.3980, -3.6472, 3.1590



122.2110, -60.2500, 51.5580



36.1040, -17.7993, 15.6948

Inverse Universe

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



89.5240, 72.2127, -61.8495



83.0740, 84.7595, -72.8559



52.4090, 90.5104, -3.8667



109.6020, 3.6472, -3.1590



58.7890, 60.2500, -51.5580



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 165.4760, -72.2127, 61.8495 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 165.4760, -72.2127, 61.8495 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 165.4760, -72.2127, 61.8495 Background



This preview shows how black text looks on a background with the YUV color 165.4760, -72.2127, 61.8495.



This preview shows how white text looks on a background with the YUV color 165.4760, -72.2127, 61.8495.

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

165.4760, -72.2127, 61.8495

Protanopia

164.4780, -68.7627, 28.5218

Deuteranopia

163.2760, -79.0161, 50.6239



Tritanopia

176.9580, -9.3463, 57.9188

Trichromacy



Original Color

165.4760, -72.2127, 61.8495

Protanomaly

164.9140, -69.9636, 40.4174

Deuteranomaly

163.6940, -76.2641, 54.6424

Tritanomaly

172.5950, -32.3383, 59.1142

Monochromacy



Original Color

165.4760, -72.2127, 61.8495

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9710, -26.1147, 22.8274

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4760, -72.2127, 61.8495 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(236, 158, 19)` looks like.

```
.text, #text, p{  
    color:rgb(236, 158, 19)  
}
```

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(236, 158, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 158, 19) }
```

Border

The CSS property to change the border of an element to YUV 165.4760, -72.2127, 61.8495 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(236, 158, 19) }
```


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

```
.border{ border-color:rgb(236, 158, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 158, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 158, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 158, 19);  
box-shadow:4px 4px 4px 4px rgb(236, 158,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 165.4760, -72.2127, 61.8495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 158, 19) }
```

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

```
.background{ background-color: rgb(236,  
158, 19) }
```

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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