

Converting Colors

YUV(162.3030, -76.5644,
57.6163)

Have a look what the booklet for
YUV(162.3030, -76.5644, 57.6163)
contains.

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Color

**YUV(162.3030, -76.5644,
57.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	E49F07
RGB	228, 159, 7
RGB Percent	89%, 62%, 3%
CMY	0.1059, 0.3765, 0.9725
CMYK	0.00, 0.30, 0.97, 0.11
HSL	41°, 94%, 46%
HSV	41°, 97%, 89%
XYZ	44.4314, 41.3056, 5.8320
YIQ	162.3030, 89.9160, -32.6440

Conversions

Conversions Part 2

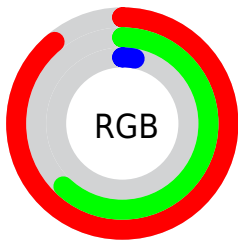
Format	Color
R_{YB}	107, 228, 7
Decimal	14982919
CIE _{Lab}	70.39, 15.68, 73.56
CIE _{LCh}	70, 75.210, 77.966
Yxy	41.3056, 0.4852, 0.4511
Android (android.graphics.Color)	4293172999 (0xFFE49F07)
YUV	162.3030, -76.5644, 57.6163
Hunter-Lab	64.2694, 10.9309, 39.6084

Details

The YUV color **162.3030, -76.5644, 57.6163** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **72.6970, 76.5644, -57.6163**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2820, -64.7220, 39.2177**, and **113.3290, -55.8712, 47.0695** is the 20% darker color. If you saturate the color by 10%, you get **160.3310, -79.0432, 59.3457**, and if you desaturate by 10%, it is **169.0340, -68.5438, 51.7132**.

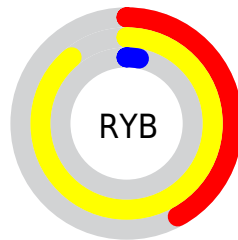
Distribution



Red (89%)

Green (62%)

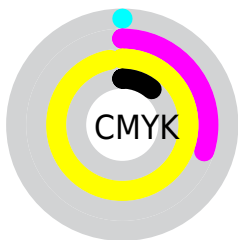
Blue (3%)



Red (42%)

Yellow (89%)

Blue (3%)

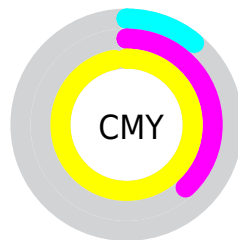


Cyan (0%)

Magenta (30%)

Yellow (97%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.3030, -76.5644, 57.6163 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 162.3030, -76.5644, 57.6163 by changing the saturation by 10% instead.

■ 162.3030,
-76.5644, 57.6163

■ 162.3030,
-76.5644, 57.6163

■ 255.0000, 0.0000,
0.0000

■ 136.9740,
-67.5282, 52.6428

■ 210.2820,
-64.7220, 39.2177

■ 113.3290,
-55.8712, 47.0695

■ 230.4970,
-60.8840, 21.4891

■ 90.2710, -44.5036,
40.9813

■ 241.3200,
-52.4158, 11.9974

■ 68.0990, -33.5728,
34.9932

■ 244.5120,
-40.1854, 9.1980

■ 46.5140, -22.9314,
28.4902

■ 247.8180,
-27.5183, 6.2986

■ 26.4130, -13.0216,
23.3168

■ 251.1240,

■ 8.9700, -4.4222,

-14.8511, 3.3993

18.4433

254.5440, -1.7472,
0.3999

■ 0.0000, 0.0000,
0.0000

■ 162.3030,
-76.5644, 57.6163

■ 162.3030,
-76.5644, 57.6163

■ 160.3310,
-79.0432, 59.3457

■ 169.0340,
-68.5438, 51.7132

■ 175.7650,
-60.5231, 45.8101

■ 182.3820,
-52.9393, 40.0070

■ 189.1130,
-44.9187, 34.1039

■ 196.4310,
-37.1875, 27.6860

■ 203.1620,
-29.1669, 21.7829

■ 209.8930,
-21.1462, 15.8798

■ 216.5100,
-13.5624, 10.0767

■ 223.2410, -5.5418,
4.1736

Harmonies

Analogous

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



160.6490, -44.1970, 82.7458



162.3030, -76.5644, 57.6163



156.1090, -75.9757, 8.6744

Triad

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



162.3030, -76.5644, 57.6163



143.9160, 33.5654, -126.2143



175.8890, 39.0017, 43.9473

Complementary

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



162.3030, -76.5644, 57.6163



72.6970, 76.5644, -57.6163

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.



160.0000, 46.8350, -42.0960



162.3030, -76.5644, 57.6163



146.4700, 53.5053, -128.4542

Square

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



162.3030, -76.5644, 57.6163



134.6480, 3.1315, -118.0863



139.4260, 56.9780, -122.2766



162.1960, 20.1164, 81.3891

Rectangle

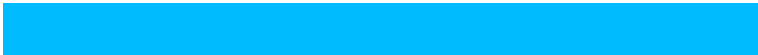
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.3030, -76.5644, 57.6163



152.4300, -49.5120, -32.8261



139.4260, 56.9780, -122.2766



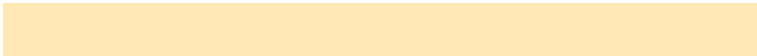
173.0880, 40.3826, 20.9708

Sweetspot

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



162.3030, -76.5644, 57.6163



233.0630, -25.6671, 19.2387



81.0590, -2.0011, 128.8673



114.6520, -15.6044, 11.7062



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.



162.3030, -76.5644, 57.6163



178.9700, -88.2322, 66.6783



190.5470, -90.4887, -3.1107



111.2840, -4.0840, 3.2589



125.7220, -61.9809, 46.7248



35.7940, -17.6464, 13.3357

Inverse Universe

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



72.6970, 76.5644, -57.6163



76.0300, 88.2322, -66.6783



44.4530, 90.4887, 3.1107



106.7160, 4.0840, -3.2589



53.2780, 61.9809, -46.7248



15.2060, 17.6464, -13.3357

Previews

White Background



This preview shows how the YUV color 162.3030, -76.5644, 57.6163 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 162.3030, -76.5644, 57.6163 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 162.3030, -76.5644, 57.6163

Background



This preview shows how black text looks on a background with the YUV color 162.3030, -76.5644, 57.6163.



This preview shows how white text looks on a background with the YUV color 162.3030, -76.5644,

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

162.3030, -76.5644, 57.6163

Protanopia

161.6800, -71.8202, 29.2216

Deuteranopia

161.4500, -79.5948, 49.5944



Tritanopia

175.2670, -8.0196, 52.3858

Trichromacy



Original Color

162.3030, -76.5644, 57.6163

Protanomaly

161.9910, -73.4526, 39.4729

Deuteranomaly

161.8140, -78.2953, 52.7831

Tritanomaly

170.4480, -32.7589, 53.9811

Monochromacy



Original Color

162.3030, -76.5644, 57.6163

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2050, -27.7091, 20.8682

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.3030, -76.5644, 57.6163 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(228, 159, 7)` looks like.

```
.text, #text, p{  
    color:rgb(228, 159, 7)  
}
```

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(228, 159, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 159, 7) }
```

Border

The CSS property to change the border of an element to YUV 162.3030, -76.5644, 57.6163 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(228, 159, 7) }
```


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

```
.border{ border-color:rgb(228, 159, 7) }
```

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

Here you see how a box with a 4 pixel rgb(228, 159, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 159, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 159, 7);  
box-shadow:4px 4px 4px 4px rgb(228, 159,  
7) }
```

Background

The CSS property to change the background color of an element to YUV 162.3030, -76.5644, 57.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 159, 7) }
```

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

```
.background{ background-color: rgb(228,  
159, 7) }
```

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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