

Converting Colors

YUV(160.9560, -76.8863,
67.5676)

Have a look what the booklet for
YUV(160.9560, -76.8863, 67.5676)
contains.

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Color

**YUV(160.9560, -76.8863,
67.5676)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EE9805 |
| RGB | 238, 152, 5 |
| RGB Percent | 93%, 60%, 2% |
| CMY | 0.0667, 0.4039, 0.9804 |
| CMYK | 0.00, 0.36, 0.98, 0.07 |
| HSL | 38°, 96%, 48% |
| HSV | 38°, 98%, 93% |
| XYZ | 46.5155, 40.6446, 5.5371 |
| YIQ | 160.9560, 98.4430, -27.4850 |

Conversions

Conversions Part 2

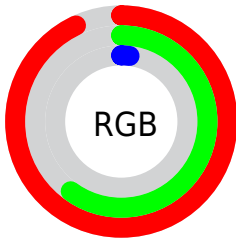
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 141, 238, 5 |
| Decimal | 15636485 |
| CIE _{Lab} | 69.93, 23.65, 74.05 |
| CIE _{LCh} | 70, 77.737, 72.286 |
| Yxy | 40.6446, 0.5018, 0.4385 |
| Android (android.graphics.Color) | 4293826565 (0xFFEE9805) |
| YUV | 160.9560, -76.8863, 67.5676 |
| Hunter-Lab | 63.7531, 18.6692, 39.4777 |

Details

The YUV color **160.9560, -76.8863, 67.5676** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **82.0440, 76.8863, -67.5676**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0590, -63.1331, 42.9213**, and **111.9110, -55.1721, 56.2061** is the 20% darker color. If you saturate the color by 10%, you get **159.2120, -78.4915, 69.0971**, and if you desaturate by 10%, it is **168.9750, -69.0077, 60.5349**.

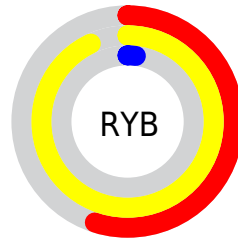
Distribution



Red (93%)

Green (60%)

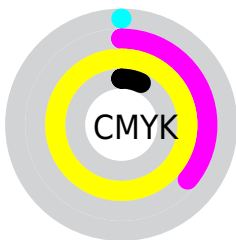
Blue (2%)



Red (55%)

Yellow (93%)

Blue (2%)

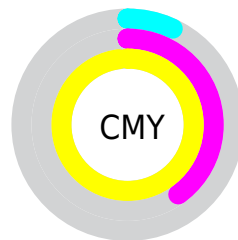


Cyan (0%)

Magenta (36%)

Yellow (98%)

Black (7%)



Cyan (7%)

Magenta (40%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.9560, -76.8863, 67.5676 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 160.9560, -76.8863, 67.5676 by changing the saturation by 10% instead.

160.9560,
-76.8863, 67.5676

160.9560,
-76.8863, 67.5676

255.0000, 0.0000,
0.0000

135.8550,
-66.9765, 62.3942

206.0590,
-63.1331, 42.9213

111.9110,
-55.1721, 56.2061

226.2740,
-59.2951, 25.1927

88.5540, -43.6571,
49.5031

241.2060,
-52.8526, 12.0973

65.4960, -32.2895,
43.4150

244.3980,
-40.6222, 9.2980

44.2100, -21.7955,
37.5268

247.5900,
-28.3919, 6.4986

22.9240, -11.3015,
31.6387

250.8960,

11.1770, -5.0173,

-15.7247, 3.5992

22.6468

254.3160, -2.6208,
0.5999

0.0000, 0.0000,
0.0000

160.9560,
-76.8863, 67.5676

160.9560,
-76.8863, 67.5676

159.2120,
-78.4915, 69.0971

168.9750,
-69.0077, 60.5349

176.9940,
-61.1290, 53.5023

184.3120,
-53.3978, 47.0844

192.3310,
-45.5192, 40.0517

200.3500,
-37.6405, 33.0191

■ 208.3690,
-29.7619, 25.9864

■ 215.8010,
-21.5939, 19.4685

■ 223.7060,
-14.1521, 12.5358

■ 231.7250, -6.2734,
5.5032

Harmonies

Analogous

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



156.1640, -38.5349, 86.6792



160.9560, -76.8863, 67.5676



156.8220, -77.3132, 17.6961

Triad

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



160.9560, -76.8863, 67.5676



141.8470, 28.1764, -124.3998



172.8660, 40.4921, 32.5665

Complementary

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



160.9560, -76.8863, 67.5676



82.0440, 76.8863, -67.5676

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.



144.7180, 54.3690, -78.6827



160.9560, -76.8863, 67.5676



147.0570, 53.2159, -128.9690

Square

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



160.9560, -76.8863, 67.5676



132.2370, -3.5678, -115.9718



140.6000, 56.3992, -123.3062



163.0910, 26.0841, 80.6042

Rectangle

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



160.9560, -76.8863, 67.5676



151.7490, -60.0223, -21.7049



140.6000, 56.3992, -123.3062



169.7440, 42.0312, 5.4865

Sweetspot

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



160.9560, -76.8863, 67.5676



230.7150, -24.5095, 21.2979



84.8130, 4.5292, 134.3450



112.8910, -14.7363, 13.2506



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.



160.9560, -76.8863, 67.5676



170.7520, -84.1807, 73.8855



203.3650, -97.7939, 6.6959



115.6970, -3.7946, 3.7737



123.1080, -60.6922, 53.4023



37.2890, -18.3835, 16.4095

Inverse Universe

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



82.0440, 76.8863, -67.5676



84.2480, 84.1807, -73.8855



39.6350, 97.7939, -6.6959



111.7160, 4.0840, -3.2589



60.8920, 60.6922, -53.4023



18.7110, 18.3835, -16.4095

Previews

White Background



This preview shows how the YUV color 160.9560, -76.8863, 67.5676 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 160.9560, -76.8863, 67.5676 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 160.9560, -76.8863, 67.5676

Background



This preview shows how black text looks on a background with the YUV color 160.9560, -76.8863, 67.5676.



This preview shows how white text looks on a background with the YUV color 160.9560, -76.8863,

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

160.9560, -76.8863, 67.5676

Protanopia

160.6090, -70.7992, 28.4069

Deuteranopia

159.9770, -78.8687, 50.0092



Tritanopia

173.0510, -10.3781, 62.2223

Trichromacy



Original Color

160.9560, -76.8863, 67.5676

Protanomaly

160.8280, -72.8792, 42.2468

Deuteranomaly

160.2490, -78.0168, 56.7866

Tritanomaly

168.7590, -34.3912, 64.2324

Monochromacy



Original Color

160.9560, -76.8863, 67.5676

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.1130, -28.1567, 24.4569

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.9560, -76.8863, 67.5676 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(238, 152, 5)` looks like.

```
.text, #text, p{  
    color:rgb(238, 152, 5)  
}
```

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(238, 152, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 152, 5) }
```

Border

The CSS property to change the border of an element to YUV 160.9560, -76.8863, 67.5676 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(238, 152, 5) }
```


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

```
.border{ border-color:rgb(238, 152, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 152, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 152, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 152, 5);  
box-shadow:4px 4px 4px 4px rgb(238, 152,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 160.9560, -76.8863, 67.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 152, 5) }
```

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

```
.background{ background-color: rgb(238,  
152, 5) }
```

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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