

Converting Colors

YUV(161.2680, -63.2361,
76.0640)

Have a look what the booklet for
YUV(161.2680, -63.2361, 76.0640)
contains.

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Color

**YUV(161.2680, -63.2361,
76.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	F88E21
RGB	248, 142, 33
RGB Percent	97%, 56%, 13%
CMY	0.0275, 0.4431, 0.8706
CMYK	0.00, 0.43, 0.87, 0.03
HSL	30°, 94%, 55%
HSV	30°, 87%, 97%
XYZ	48.6589, 39.4123, 6.4816
YIQ	161.2680, 98.1650, -11.4270

Conversions

Conversions Part 2

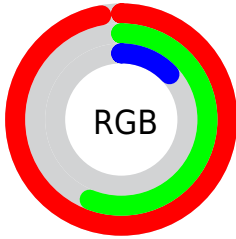
Format	Color
R _Y B	242, 248, 33
Decimal	16289313
CIE Lab	69.05, 33.40, 68.54
CIE LCh	69, 76.247, 64.024
Yxy	39.4123, 0.5146, 0.4168
Android (android.graphics.Color)	4294479393 (0xFFFF88E21)
YUV	161.2680, -63.2361, 76.0640
Hunter-Lab	62.7792, 28.4883, 37.8241

Details

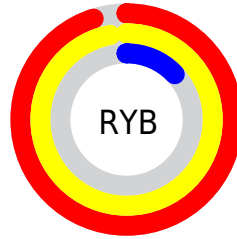
The YUV color **161.2680, -63.2361, 76.0640** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **119.7320, 63.2361, -76.0640**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5570, -54.9976, 46.8695**, and **108.7320, -53.6049, 66.8870** is the 20% darker color. If you saturate the color by 10%, you get **151.3740, -70.6834, 84.7410**, and if you desaturate by 10%, it is **171.1620, -55.7889, 67.3869**.

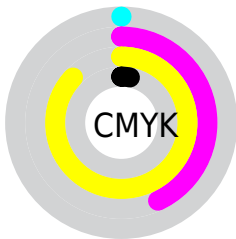
Distribution



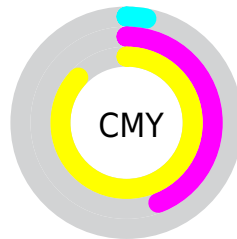
- Red (97%)
- Green (56%)
- Blue (13%)



- Red (95%)
- Yellow (97%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (87%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.2680, -63.2361, 76.0640 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 161.2680, -63.2361, 76.0640 by changing the saturation by 10% instead.

161.2680,
-63.2361, 76.0640

161.2680,
-63.2361, 76.0640

255.0000, 0.0000,
0.0000

132.6760,
-65.4093, 73.0751

201.5570,
-54.9976, 46.8695

108.7320,
-53.6049, 66.8870

221.6580,
-51.5964, 29.2409

84.7880, -41.8005,
60.6989

241.2860,
-47.4690, 12.0272

61.7300, -30.4329,
54.6108

245.5380,
-36.2542, 8.2982

38.0850, -18.7759,
49.0375

248.8440,
-23.5871, 5.3988

19.7340, -9.7289,
40.5753

252.1500,

12.6720, -5.7543,

-10.9200, 2.4994

25.7207

■ 0.0000, 0.0000,
0.0000

■ 161.2680,
-63.2361, 76.0640

■ 161.2680,
-63.2361, 76.0640

■ 151.3740,
-70.6834, 84.7410

■ 171.1620,
-55.7889, 67.3869

■ 148.1140,
-73.0202, 87.6000

■ 181.0560,
-48.3416, 58.7099

■ 191.4230,
-41.6205, 49.6180

■ 201.3170,
-34.1733, 40.9410

■ 211.2110,
-26.7260, 32.2640

■ 221.1050,
-19.2788, 23.5869

■ 231.5860,
-12.1209, 14.3951

■ 241.3660, -5.1104,
5.8180

■ 251.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



152.8190, -28.5048, 89.6127



161.2680, -63.2361, 76.0640



156.3230, -77.0672, 32.1657

Triad

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



161.2680, -63.2361, 76.0640



137.4640, 18.9982, -120.5559



168.5920, 42.5991, 10.0048

Complementary

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



161.2680, -63.2361, 76.0640



119.7320, 63.2361, -76.0640

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.



131.2080, 61.0295, -115.0694



161.2680, -63.2361, 76.0640



144.6290, 48.9899, -126.8396

Square

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



161.2680, -63.2361, 76.0640



126.9080, -11.2936, -111.2983



141.1870, 56.1098, -123.8210



168.7960, 30.1736, 75.6009

Rectangle

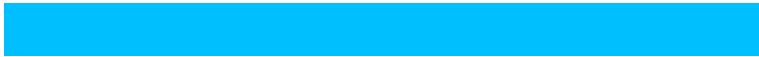
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



161.2680, -63.2361, 76.0640



150.9550, -72.4488, -2.5915



141.1870, 56.1098, -123.8210



162.2030, 45.7489, -20.3490

Sweetspot

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



161.2680, -63.2361, 76.0640



228.1050, -19.2788, 23.5869



109.5970, 15.4817, 121.3794



111.7000, -11.6841, 14.2951



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.



161.2680, -63.2361, 76.0640



151.9680, -74.9202, 90.3591



223.4900, -93.9116, 21.4953



119.9960, -3.9420, 4.3885



112.8630, -55.6415, 66.7721



36.4360, -17.9629, 21.5426

Inverse Universe

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



119.7320, 63.2361, -76.0640



103.0320, 74.9202, -90.3591



57.5100, 93.9116, -21.4953



117.5910, 3.6526, -4.9033



76.1370, 55.6415, -66.7721



24.5640, 17.9629, -21.5426

Previews

White Background



This preview shows how the YUV color 161.2680, -63.2361, 76.0640 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 161.2680, -63.2361, 76.0640 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 161.2680, -63.2361, 76.0640

Background



This preview shows how black text looks on a background with the YUV color 161.2680, -63.2361, 76.0640.



This preview shows how white text looks on a background with the YUV color 161.2680, -63.2361, 76.0640.

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

161.2680, -63.2361, 76.0640

Protanopia

160.5730, -59.4425, 25.8075

Deuteranopia

159.8870, -68.9643, 46.5801



Tritanopia

169.3190, -13.4683, 73.3882

Trichromacy



Original Color

161.2680, -63.2361, 76.0640

Protanomaly

160.6400, -60.9545, 44.1657

Deuteranomaly

160.2350, -66.6709, 57.6759

Tritanomaly

166.5090, -31.8029, 74.0986

Monochromacy



Original Color

161.2680, -63.2361, 76.0640

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.1010, -23.2208, 27.9754

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.2680, -63.2361, 76.0640 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(248, 142, 33)` looks like.

```
.text, #text, p{  
    color:rgb(248, 142, 33)  
}
```

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(248, 142, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 142, 33) }
```

Border

The CSS property to change the border of an element to YUV 161.2680, -63.2361, 76.0640 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(248, 142, 33) }
```


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

```
.border{ border-color:rgb(248, 142, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 142, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 142, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 142, 33);  
box-shadow:4px 4px 4px 4px rgb(248, 142,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 161.2680, -63.2361, 76.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 142, 33) }
```

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

```
.background{ background-color: rgb(248,  
142, 33) }
```

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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