

Converting Colors

YUV(162.7780, -80.2496,
72.9857)

Have a look what the booklet for
YUV(162.7780, -80.2496, 72.9857)
contains.

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Color

**YUV(162.7780, -80.2496,
72.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	F69800
RGB	246, 152, 0
RGB Percent	96%, 60%, 0%
CMY	0.0353, 0.4039, 1.0000
CMYK	0.00, 0.38, 1.00, 0.04
HSL	37°, 100%, 48%
HSV	37°, 100%, 96%
XYZ	49.2343, 42.0493, 5.5214
YIQ	162.7780, 104.8160, -27.3440

Conversions

Conversions Part 2

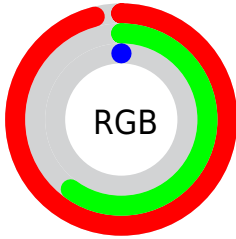
Format	Color
RYB	152, 246, 0
Decimal	16160768
CIELab	70.90, 26.97, 75.81
CIELCh	71, 80.462, 70.419
Yxy	42.0493, 0.5086, 0.4344
Android (android.graphics.Color)	4294350848 (0xFFFF69800)
YUV	162.7780, -80.2496, 72.9857
Hunter-Lab	64.8454, 22.0477, 40.3434

Details

The YUV color **162.7780, -80.2496, 72.9857** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **83.2220, 80.2496, -72.9857**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9450, -63.5699, 43.0212**, and **114.0040, -56.2040, 60.5095** is the 20% darker color. If you saturate the color by 10%, you get **162.7780, -80.2496, 72.9857**, and if you desaturate by 10%, it is **170.9110, -71.9341, 65.8531**.

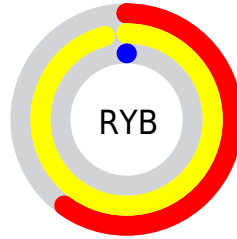
Distribution



Red (96%)

Green (60%)

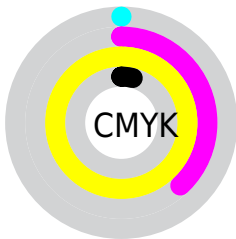
Blue (0%)



Red (60%)

Yellow (96%)

Blue (0%)

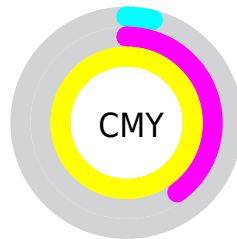


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.7780, -80.2496, 72.9857 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 162.7780, -80.2496, 72.9857 by changing the saturation by 10% instead.

162.7780,
-80.2496, 72.9857

162.7780,
-80.2496, 72.9857

255.0000, 0.0000,
0.0000

137.9480,
-68.0084, 66.6976

205.9450,
-63.5699, 43.0212

114.0040,
-56.2040, 60.5095

226.1600,
-59.7319, 25.2927

90.0600, -44.3996,
54.3214

241.0920,
-53.2894, 12.1973

67.5890, -33.3214,
47.7184

244.2840,
-41.0590, 9.3979

45.4170, -22.3906,
41.7303

247.4760,
-28.8287, 6.5985

22.9570, -11.3178,
36.8717

250.7820,

12.6720, -5.7543,

-16.1615, 3.6992

25.7207

254.2020, -3.0576,
0.6998

0.0000, 0.0000,
0.0000

162.7780,
-80.2496, 72.9857

170.9110,
-71.9341, 65.8531

179.5170,
-64.3449, 58.3056

187.6500,
-56.0295, 51.1729

196.2560,
-48.4402, 43.6255

204.3890,
-40.1248, 36.4928

■ 212.5220,
-31.8093, 29.3602

■ 221.1280,
-24.2201, 21.8127

■ 229.2610,
-15.9047, 14.6801

■ 237.8670, -8.3154,
7.1326

Harmonies

Analogous

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



155.3320, -36.6457, 87.4088



162.7780, -80.2496, 72.9857



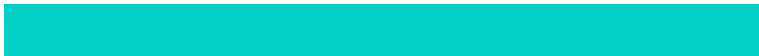
159.5020, -78.6345, 21.4847

Triad

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



162.7780, -80.2496, 72.9857



144.0810, 26.5821, -126.3590



174.6160, 39.6293, 29.2778

Complementary

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



162.7780, -80.2496, 72.9857



83.2220, 80.2496, -72.9857

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



162.7780, -80.2496, 72.9857



149.4050, 52.0583, -131.0282

Square

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



162.7780, -80.2496, 72.9857



133.5420, -6.1832, -117.1163



143.5350, 54.9522, -125.8802



164.5900, 29.2891, 79.2896

Rectangle

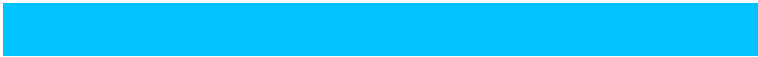
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.7780, -80.2496, 72.9857



153.0070, -68.0375, -17.5461



143.5350, 54.9522, -125.8802



169.7110, 42.0475, 0.2535

Sweetspot

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



162.7780, -80.2496, 72.9857



229.3130, -24.8043, 22.5275



84.2700, 4.7969, 141.8372



112.1900, -14.8837, 13.8654



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.



162.7780, -80.2496, 72.9857



168.9910, -83.3126, 75.4299



209.2850, -103.1775, 6.7661



118.2840, -4.0840, 3.2589



123.1190, -60.6977, 55.1466



38.7730, -19.1151, 17.7391

Inverse Universe

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



83.2220, 80.2496, -72.9857



86.0090, 83.3126, -75.4299



36.7150, 103.1775, -6.7661



114.3030, 3.7946, -3.7737



62.8810, 60.6977, -55.1466



19.6400, 19.4045, -17.2243

Previews

White Background



This preview shows how the YUV color 162.7780, -80.2496, 72.9857 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 162.7780, -80.2496, 72.9857 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 162.7780, -80.2496, 72.9857

Background



This preview shows how black text looks on a background with the YUV color 162.7780, -80.2496, 72.9857.

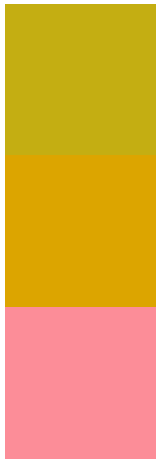


This preview shows how white text looks on a background with the YUV color 162.7780, -80.2496, 72.9857.

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



Protanopia

162.7940, -71.3834, 29.1217

Deuteranopia

162.6350, -80.1791, 50.3091

Tritanopia

175.4430, -11.5574, 67.1405

Trichromacy



Protanomaly

162.6820, -74.7792, 45.0059

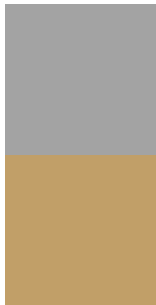
Deuteranomaly

162.3910, -80.0588, 58.4161

Tritanomaly

170.9230, -36.4440, 69.3505

Monochromacy



Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.8960, -29.0357, 26.4012

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.7780, -80.2496, 72.9857 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, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(246, 152, 0)  
}
```

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, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 152, 0) }
```

Border

The CSS property to change the border of an element to YUV 162.7780, -80.2496, 72.9857 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, 152, 0) }
```

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

```
.border{ border-color:rgb(246, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(246, 152,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 162.7780, -80.2496, 72.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 152, 0) }
```

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

```
.background{ background-color: rgb(246,  
152, 0) }
```

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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