

Converting Colors

YUV(166.7790, -48.2050,
61.5838)

Have a look what the booklet for
YUV(166.7790, -48.2050, 61.5838)
contains.

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Color

**YUV(166.7790, -48.2050,
61.5838)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9645
RGB	237, 150, 69
RGB Percent	93%, 59%, 27%
CMY	0.0706, 0.4118, 0.7294
CMYK	0.00, 0.37, 0.71, 0.07
HSL	29°, 82%, 60%
HSV	29°, 71%, 93%
XYZ	46.9056, 40.2469, 10.9265
YIQ	166.7790, 77.8530, -6.7470

Conversions

Conversions Part 2

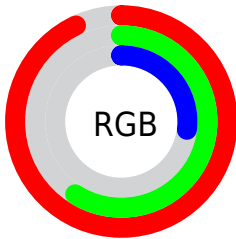
Format	Color
R _Y B	237, 225, 69
Decimal	15570501
CIE Lab	69.65, 25.96, 54.72
CIE LCh	70, 60.570, 64.618
Yxy	40.2469, 0.4782, 0.4104
Android (android.graphics.Color)	4293760581 (0xFFED9645)
YUV	166.7790, -48.2050, 61.5838
Hunter-Lab	63.4404, 20.9557, 34.1967

Details

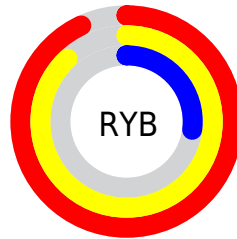
The YUV color **166.7790, -48.2050, 61.5838** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **139.2210, 48.2050, -61.5838**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7870, -43.7720, 39.6518**, and **112.3330, -48.4782, 55.8360** is the 20% darker color. If you saturate the color by 10%, you get **156.9990, -55.2155, 70.1609**, and if you desaturate by 10%, it is **176.5590, -41.1946, 53.0068**.

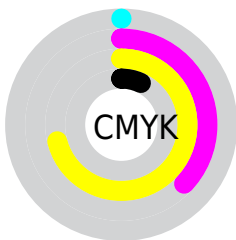
Distribution



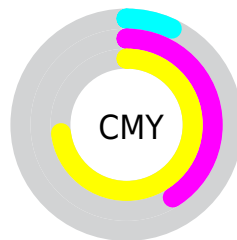
- Red (93%)
- Green (59%)
- Blue (27%)



- Red (93%)
- Yellow (88%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7790, -48.2050, 61.5838 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 166.7790, -48.2050, 61.5838 by changing the saturation by 10% instead.

166.7790,
-48.2050, 61.5838

166.7790,
-48.2050, 61.5838

255.0000, 0.0000,
0.0000

139.2840,
-47.4680, 58.5099

209.7870,
-43.7720, 39.6518

112.3330,
-48.4782, 55.8360

229.8880,
-40.3708, 22.0232

87.0920, -42.9364,
51.6623

245.8800,
-34.9438, 7.9982

64.9200, -32.0056,
45.6742

249.0720,
-22.7135, 5.1989

42.7480, -21.0748,
39.6860

252.3780,
-10.0464, 2.2995

21.1740, -10.4388,
34.9274

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 166.7790,
-48.2050, 61.5838

■ 166.7790,
-48.2050, 61.5838

■ 156.9990,
-55.2155, 70.1609

■ 176.5590,
-41.1946, 53.0068

■ 146.7460,
-61.4998, 79.1528

■ 186.8120,
-34.9103, 44.0149

■ 137.7810,
-67.9260, 87.0151

■ 196.5920,
-27.8999, 35.4378

■ 206.3720,
-20.8894, 26.8608

■ 216.0380,
-14.3157, 18.3837

■ 226.4050, -7.5947,
9.2918

■ 236.1850, -0.5842,
0.7148

■ 245.5090, 4.6791,
-7.4624

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



164.6220, -26.4356, 79.2615



166.7790, -48.2050, 61.5838



163.1260, -54.7851, 25.3225

Triad

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



166.7790, -48.2050, 61.5838



135.8170, 20.3032, -119.1115



173.3100, 40.2732, 9.3751

Complementary

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



166.7790, -48.2050, 61.5838



139.2210, 48.2050, -61.5838

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.



151.2520, 51.1478, -72.1350



166.7790, -48.2050, 61.5838



141.3860, 44.1797, -123.9955

Square

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



166.7790, -48.2050, 61.5838



140.2410, -9.4858, -84.4034



139.4260, 56.9780, -122.2766



174.1180, 21.6338, 61.2865

Rectangle

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



166.7790, -48.2050, 61.5838



159.7740, -47.7096, -4.1868



139.4260, 56.9780, -122.2766



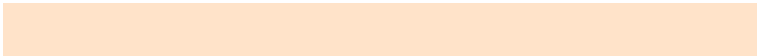
169.3350, 42.2328, -12.5718

Sweetspot

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



166.7790, -48.2050, 61.5838



232.4080, -15.4841, 19.8132



129.4920, 14.5474, 94.2845



114.3730, -9.0579, 11.9509



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.



166.7790, -48.2050, 61.5838



164.5180, -62.3734, 79.3527



214.3260, -71.6457, 19.8851



112.2240, -3.0684, 4.1886



105.1880, -51.8577, 66.4871



31.4080, -15.4841, 19.8132

Inverse Universe

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



139.2210, 48.2050, -61.5838



128.4820, 62.3734, -79.3527



91.6740, 71.6457, -19.8851



110.7760, 3.0684, -4.1886



75.8120, 51.8577, -66.4871



22.5920, 15.4841, -19.8132

Previews

White Background



This preview shows how the YUV color 166.7790, -48.2050, 61.5838 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 166.7790, -48.2050, 61.5838 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 166.7790, -48.2050, 61.5838

Background



This preview shows how black text looks on a background with the YUV color 166.7790, -48.2050, 61.5838.



This preview shows how white text looks on a background with the YUV color 166.7790, -48.2050,

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

166.7790, -48.2050, 61.5838

Protanopia

165.4380, -44.5859, 20.6639

Deuteranopia

166.0060, -49.3030, 40.3367



Tritanopia

172.4530, -10.0833, 60.9927

Trichromacy



Original Color

166.7790, -48.2050, 61.5838

Protanomaly

165.5970, -45.6503, 35.4334

Deuteranomaly

166.4630, -49.0353, 47.8289

Tritanomaly

170.1960, -23.7606, 61.2181

Monochromacy



Original Color

166.7790, -48.2050, 61.5838

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8490, -17.6736, 22.0574

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7790, -48.2050, 61.5838 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(237, 150, 69)` looks like.

```
.text, #text, p{  
    color:rgb(237, 150, 69)  
}
```

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(237, 150, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 150, 69) }
```

Border

The CSS property to change the border of an element to YUV 166.7790, -48.2050, 61.5838 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(237, 150, 69) }
```


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

```
.border{ border-color:rgb(237, 150, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 150, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 150, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 150, 69);  
box-shadow:4px 4px 4px 4px rgb(237, 150,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 166.7790, -48.2050, 61.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 150, 69) }
```

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

```
.background{ background-color: rgb(237,  
150, 69) }
```

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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