

Converting Colors

YUV(176.9010, -39.8842,
52.7068)

Have a look what the booklet for
YUV(176.9010, -39.8842, 52.7068)
contains.

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Color

**YUV(176.9010, -39.8842,
52.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA260
RGB	237, 162, 96
RGB Percent	93%, 64%, 38%
CMY	0.0706, 0.3647, 0.6235
CMYK	0.00, 0.32, 0.59, 0.07
HSL	28°, 80%, 65%
HSV	28°, 59%, 93%
XYZ	49.9567, 44.6897, 17.0593
YIQ	176.9010, 65.8860, -4.6260

Conversions

Conversions Part 2

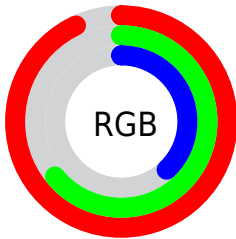
Format	Color
R _Y B	237, 220, 96
Decimal	15573600
CIE Lab	72.69, 21.24, 45.09
CIE LCh	73, 49.841, 64.778
Yxy	44.6897, 0.4472, 0.4001
Android (android.graphics.Color)	4293763680 (0xFFEDA260)
YUV	176.9010, -39.8842, 52.7068
Hunter-Lab	66.8504, 16.4034, 31.6653

Details

The YUV color **176.9010, -39.8842, 52.7068** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **156.0990, 39.8842, -52.7068**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4960, -35.7405, 30.2600**, and **122.8510, -37.3945, 47.4887** is the 20% darker color. If you saturate the color by 10%, you get **166.5340, -46.6053, 61.7987**, and if you desaturate by 10%, it is **187.2680, -33.1631, 43.6150**.

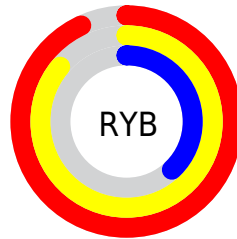
Distribution



Red (93%)

Green (64%)

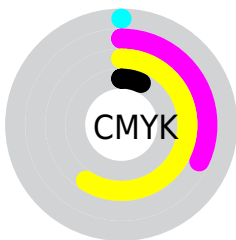
Blue (38%)



Red (93%)

Yellow (86%)

Blue (38%)

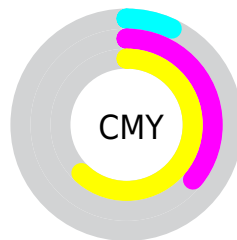


Cyan (0%)

Magenta (32%)

Yellow (59%)

Black (7%)



Cyan (7%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9010, -39.8842, 52.7068 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 176.9010, -39.8842, 52.7068 by changing the saturation by 10% instead.

176.9010,
-39.8842, 52.7068

176.9010,
-39.8842, 52.7068

255.0000, 0.0000,
0.0000

149.8190,
-38.8578, 50.1477

220.4960,
-35.7405, 30.2600

122.8510,
-37.3945, 47.4887

240.5970,
-32.3393, 12.6314

97.1280, -37.5311,
44.6147

249.0720,
-22.7135, 5.1989

72.2740, -35.6311,
41.8557

252.2640,
-10.4832, 2.3995

50.4010, -24.8477,
36.4823

29.7020, -14.6431,
30.0793

11.9600, -5.8963,

24.5911

■ 0.0000, 0.0000,
0.0000

■ 176.9010,
-39.8842, 52.7068

■ 176.9010,
-39.8842, 52.7068

■ 166.5340,
-46.6053, 61.7987

■ 187.2680,
-33.1631, 43.6150

■ 156.8680,
-53.1789, 70.2758

■ 196.9340,
-26.5895, 35.1379

■ 146.5010,
-59.9000, 79.3676

■ 207.3010,
-19.8684, 26.0460

■ 136.7210,
-66.9105, 87.9447

■ 217.0810,
-12.8579, 17.4690

■ 136.0200,
-67.0579, 88.5595

■ 227.3340, -6.5737,
8.4771

■ 237.7010, 0.1474,
-0.6148

■ 246.6830, 4.1003,
-8.4920

■ 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.



177.2400, -23.7823, 68.1955



176.9010, -39.8842, 52.7068



173.6770, -43.7178, 22.2083

Triad

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



176.9010, -39.8842, 52.7068



139.5500, 21.9138, -122.3854



182.5180, 34.7476, 8.3157

Complementary

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



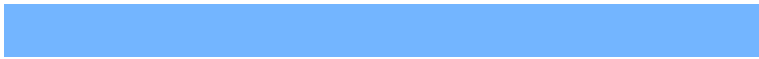
176.9010, -39.8842, 52.7068



156.0990, 39.8842, -52.7068

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.



169.7020, 42.0519, -47.9737



176.9010, -39.8842, 52.7068



143.5060, 42.1485, -125.8548

Square

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



176.9010, -39.8842, 52.7068



159.4550, -10.5773, -60.9120



142.3610, 55.5310, -124.8506



183.2000, 17.1564, 50.6906

Rectangle

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



176.9010, -39.8842, 52.7068



170.6030, -38.2583, -2.2828



142.3610, 55.5310, -124.8506



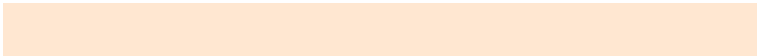
179.6900, 37.1278, -8.4981

Sweetspot

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



176.9010, -39.8842, 52.7068



235.6680, -13.1473, 16.9542



146.7090, 11.9755, 79.1852



115.8890, -8.3263, 10.6213



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.



176.9010, -39.8842, 52.7068



178.0140, -51.2789, 67.5167



217.9910, -60.1416, 16.6709



112.2240, -3.0684, 4.1886



104.0140, -51.2789, 67.5167



30.8210, -15.1948, 20.3280

Inverse Universe

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



156.0990, 39.8842, -52.7068



150.9860, 51.2789, -67.5167



115.0090, 60.1416, -16.6709



110.7760, 3.0684, -4.1886



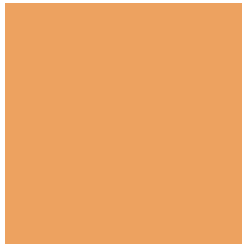
76.9860, 51.2789, -67.5167



22.5920, 15.4841, -19.8132

Previews

White Background



This preview shows how the YUV color 176.9010, -39.8842, 52.7068 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 176.9010, -39.8842, 52.7068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

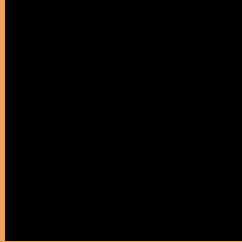
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.9010, -39.8842, 52.7068

Background



This preview shows how black text looks on a background with the YUV color 176.9010, -39.8842, 52.7068.



This preview shows how white text looks on a background with the YUV color 176.9010, -39.8842, 52.7068.

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

176.9010, -39.8842, 52.7068

Protanopia

175.3050, -36.1394, 18.1495

Deuteranopia

175.9870, -40.4196, 37.7224



Tritanopia

181.5660, -8.1670, 53.0006

Trichromacy



Original Color

176.9010, -39.8842, 52.7068

Protanomaly

176.0400, -37.4877, 30.6599

Deuteranomaly

176.4330, -40.1465, 43.4703

Tritanomaly

179.8790, -19.6603, 52.7261

Monochromacy



Original Color

176.9010, -39.8842, 52.7068

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.3370, -14.4631, 18.9985

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9010, -39.8842, 52.7068 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, 162, 96)` looks like.

```
.text, #text, p{  
    color:rgb(237, 162, 96)  
}
```

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, 162, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 162, 96) }
```

Border

The CSS property to change the border of an element to YUV 176.9010, -39.8842, 52.7068 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, 162, 96) }
```


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

```
.border{ border-color:rgb(237, 162, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 162, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 162, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 162, 96);  
box-shadow:4px 4px 4px 4px rgb(237, 162,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 176.9010, -39.8842, 52.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 162, 96) }
```

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

```
.background{ background-color: rgb(237,  
162, 96) }
```

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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