

Converting Colors

YUV(177.7590, -37.8422,
51.0774)

Have a look what the booklet for
YUV(177.7590, -37.8422, 51.0774)
contains.

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Color

**YUV(177.7590, -37.8422,
51.0774)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ECA365 |
| RGB | 236, 163, 101 |
| RGB Percent | 93%, 64%, 40% |
| CMY | 0.0745, 0.3608, 0.6039 |
| CMYK | 0.00, 0.31, 0.57, 0.07 |
| HSL | 28°, 78%, 66% |
| HSV | 28°, 57%, 93% |
| XYZ | 50.0382, 44.9668, 18.3541 |
| YIQ | 177.7590, 63.4100, -3.8060 |

Conversions

Conversions Part 2

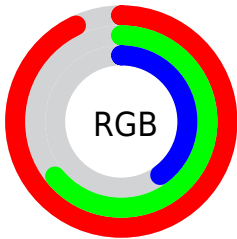
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 216, 101 |
| Decimal | 15508325 |
| CIE Lab | 72.87, 20.67, 42.74 |
| CIE LCh | 73, 47.479, 64.193 |
| Yxy | 44.9668, 0.4414, 0.3967 |
| Android (android.graphics.Color) | 4293698405 (0xFFECA365) |
| YUV | 177.7590, -37.8422, 51.0774 |
| Hunter-Lab | 67.0573, 15.8465, 30.7120 |

Details

The YUV color **177.7590, -37.8422, 51.0774** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **159.2410, 37.8422, -51.0774**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6530, -33.8459, 29.2453**, and **124.0080, -35.4999, 46.4740** is the 20% darker color. If you saturate the color by 10%, you get **167.3920, -44.5633, 60.1692**, and if you desaturate by 10%, it is **188.1260, -31.1211, 41.9855**.

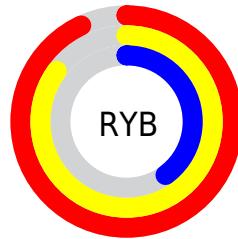
Distribution



Red (93%)

Green (64%)

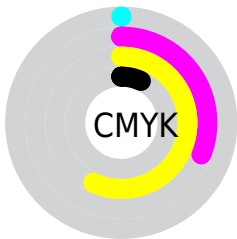
Blue (40%)



Red (93%)

Yellow (85%)

Blue (40%)

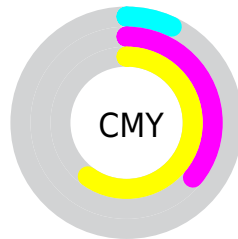


Cyan (0%)

Magenta (31%)

Yellow (57%)

Black (7%)



Cyan (7%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7590, -37.8422, 51.0774 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 177.7590, -37.8422, 51.0774 by changing the saturation by 10% instead.

177.7590,
-37.8422, 51.0774

177.7590,
-37.8422, 51.0774

255.0000, 0.0000,
0.0000

150.6770,
-36.8158, 48.5183

221.6530,
-33.8459, 29.2453

124.0080,
-35.4999, 46.4740

241.7540,
-30.4447, 11.6167

97.8120, -34.9103,
44.0149

249.6420,
-20.5295, 4.6990

72.6760, -35.3363,
40.6261

252.9480, -7.8624,
1.7996

50.9880, -25.1371,
35.9675

30.2890, -14.9325,
29.5645

11.9600, -5.8963,

24.5911

■ 0.0000, 0.0000,
0.0000

■ 177.7590,
-37.8422, 51.0774

■ 177.7590,
-37.8422, 51.0774

■ 167.3920,
-44.5633, 60.1692

■ 188.1260,
-31.1211, 41.9855

■ 157.1390,
-50.8475, 69.1611

■ 198.3790,
-24.8368, 32.9936

■ 147.3590,
-57.8580, 77.7382

■ 208.1590,
-17.8264, 24.4166

■ 137.1060,
-64.1423, 86.7300

■ 218.4120,
-11.5421, 15.4247

■ 133.9600,
-66.0423, 89.4891

■ 228.7790, -4.8210,
6.3328

■ 239.1460, 1.9000,
-2.7590

■ 247.5580, 3.6689,
-10.1364

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



178.7560, -23.0507, 66.8660



177.7590, -37.8422, 51.0774



174.5460, -41.6812, 22.3232

Triad

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



177.7590, -37.8422, 51.0774



138.9630, 22.2032, -121.8706



182.5780, 33.7320, 7.3861

Complementary

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



177.7590, -37.8422, 51.0774



159.2410, 37.8422, -51.0774

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.



170.8980, 41.4623, -45.5145



177.7590, -37.8422, 51.0774



143.1640, 40.8381, -125.5548

Square

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



177.7590, -37.8422, 51.0774



161.3740, -11.0304, -55.5790



142.3610, 55.5310, -124.8506



183.9500, 16.2937, 47.4019

Rectangle

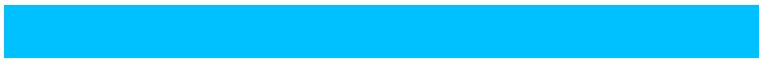
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.7590, -37.8422, 51.0774



171.6570, -36.8059, -1.4532



142.3610, 55.5310, -124.8506



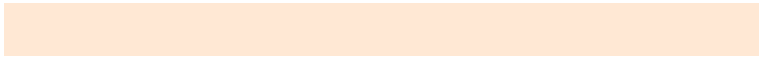
180.2770, 36.8384, -9.0129

Sweetspot

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



177.7590, -37.8422, 51.0774



236.5970, -12.1263, 16.1394



149.8010, 12.4231, 75.5965



116.8180, -7.3053, 9.8066



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.



177.7590, -37.8422, 51.0774



179.1710, -49.3843, 66.5020



216.5010, -56.9420, 17.1006



112.2240, -3.0684, 4.1886



102.8400, -50.7001, 68.5463



30.8210, -15.1948, 20.3280

Inverse Universe

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



159.2410, 37.8422, -51.0774



154.8290, 49.3843, -66.5020



120.4990, 56.9420, -17.1006



110.7760, 3.0684, -4.1886



78.1600, 50.7001, -68.5463



23.1790, 15.1948, -20.3280

Previews

White Background



This preview shows how the YUV color 177.7590, -37.8422, 51.0774 looks on a white background.

Color Contrast Check

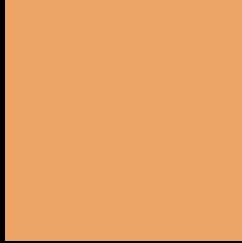
Large Text (above 18pt) WCAG AA × Fail

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 177.7590, -37.8422, 51.0774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

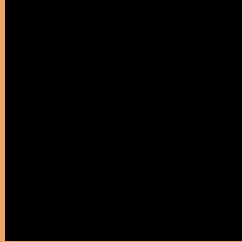
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.7590, -37.8422, 51.0774

Background



This preview shows how black text looks on a background with the YUV color 177.7590, -37.8422, 51.0774.



This preview shows how white text looks on a background with the YUV color 177.7590, -37.8422, 51.0774.

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

177.7590, -37.8422, 51.0774

Protanopia

175.8750, -33.9554, 17.6496

Deuteranopia

177.1440, -38.5250, 36.7077



Tritanopia

182.0820, -7.4354, 51.6711

Trichromacy



Original Color

177.7590, -37.8422, 51.0774

Protanomaly

176.6100, -35.3037, 30.1600

Deuteranomaly

177.2910, -38.1045, 41.8408

Tritanomaly

180.5090, -18.4919, 51.2966

Monochromacy



Original Color

177.7590, -37.8422, 51.0774

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1520, -13.8789, 18.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7590, -37.8422, 51.0774 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(236, 163, 101)` looks like.

```
.text, #text, p{  
    color:rgb(236, 163, 101)  
}
```

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(236, 163, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 163, 101) }
```

Border

The CSS property to change the border of an element to YUV 177.7590, -37.8422, 51.0774 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(236, 163, 101) }
```


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

```
.border{ border-color:rgb(236, 163, 101) }
```

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

Here you see how a box with a 4 pixel rgb(236, 163, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 163, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 163, 101);  
box-shadow:4px 4px 4px 4px rgb(236, 163,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 177.7590, -37.8422, 51.0774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 163, 101) }
```

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

```
.background{ background-color: rgb(236,  
163, 101) }
```

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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