

Converting Colors

YUV(177.0810, -39.4799,
63.0730)

Have a look what the booklet for
YUV(177.0810, -39.4799, 63.0730)
contains.

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Color

**YUV(177.0810, -39.4799,
63.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	F99C61
RGB	249, 156, 97
RGB Percent	98%, 61%, 38%
CMY	0.0235, 0.3882, 0.6196
CMYK	0.00, 0.37, 0.61, 0.02
HSL	23°, 93%, 68%
HSV	23°, 61%, 98%
XYZ	53.1131, 44.7797, 17.1533
YIQ	177.0810, 74.3670, 1.3670

Conversions

Conversions Part 2

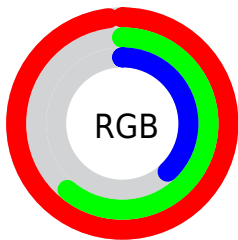
Format	Color
RYB	249, 193, 97
Decimal	16358497
CIELab	72.75, 29.31, 44.99
CIELCh	73, 53.698, 56.921
Yxy	44.7797, 0.4617, 0.3892
Android (android.graphics.Color)	4294548577 (0xFFFF99C61)
YUV	177.0810, -39.4799, 63.0730
Hunter-Lab	66.9177, 24.5709, 31.6443

Details

The YUV color **177.0810, -39.4799, 63.0730** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **168.9190, 39.4799, -63.0730**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0880, -33.5674, 33.2488**, and **122.7320, -36.8429, 57.2400** is the 20% darker color. If you saturate the color by 10%, you get **165.4260, -46.0590, 73.2944**, and if you desaturate by 10%, it is **188.7360, -32.9008, 52.8515**.

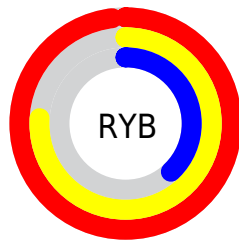
Distribution



Red (98%)

Green (61%)

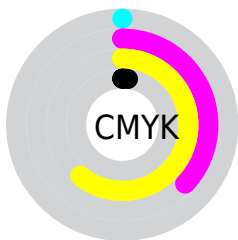
Blue (38%)



Red (98%)

Yellow (76%)

Blue (38%)

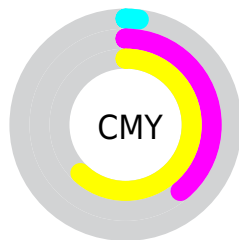


Cyan (0%)

Magenta (37%)

Yellow (61%)

Black (2%)



Cyan (2%)

Magenta (39%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0810, -39.4799, 63.0730 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 177.0810, -39.4799, 63.0730 by changing the saturation by 10% instead.

177.0810,
-39.4799, 63.0730

177.0810,
-39.4799, 63.0730

255.0000, 0.0000,
0.0000

149.7000,
-38.3061, 59.8991

217.0880,
-33.5674, 33.2488

122.7320,
-36.8429, 57.2400

237.1890,
-30.1662, 15.6202

96.2370, -36.1058,
54.1662

249.1860,
-22.2767, 5.0989

70.8560, -34.9320,
50.9923

252.3780,
-10.0464, 2.2995

48.9830, -24.1486,
45.6189

25.6370, -12.6390,
40.6604

14.0530, -6.9281,

28.8945

■ 0.0000, 0.0000,
0.0000

■ 177.0810,
-39.4799, 63.0730

■ 177.0810,
-39.4799, 63.0730

■ 165.4260,
-46.0590, 73.2944

■ 188.7360,
-32.9008, 52.8515

■ 153.7710,
-52.6381, 83.5158

■ 200.3910,
-26.3218, 42.6301

■ 141.5290,
-58.9278, 94.2521

■ 212.6330,
-20.0321, 31.8939

■ 131.3900,
-64.7753, 103.1440

■ 224.2880,
-13.4530, 21.6724

■ 235.8290, -7.3107,
11.5510

■ 247.4840, -0.7316,
1.3295

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



174.6300, -18.5516, 70.4845



177.0810, -39.4799, 63.0730



174.3040, -47.9709, 33.0594

Triad

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



177.0810, -39.4799, 63.0730



138.7690, 16.3829, -121.7004



179.7120, 37.1170, -5.0094

Complementary

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



177.0810, -39.4799, 63.0730



168.9190, 39.4799, -63.0730

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.



158.5950, 47.5277, -77.6978



177.0810, -39.4799, 63.0730



144.3550, 37.7860, -126.5993

Square

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



177.0810, -39.4799, 63.0730



160.4470, -18.4614, -52.1350



144.7090, 54.3735, -126.9098



183.9910, 24.1614, 43.8579

Rectangle

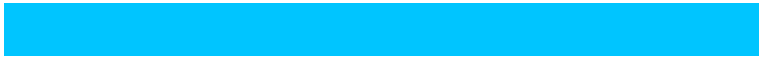
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.0810, -39.4799, 63.0730



170.9480, -44.8374, 7.9386



144.7090, 54.3735, -126.9098



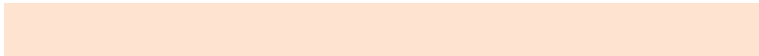
174.8620, 39.5080, -25.3120

Sweetspot

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



177.0810, -39.4799, 63.0730



233.3200, -11.9898, 19.0134



153.1640, 18.6531, 84.0482



114.1280, -7.4581, 12.1657



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.



177.0810, -39.4799, 63.0730



166.8780, -48.2539, 77.2830



221.1060, -61.1843, 24.4630



118.8220, -3.3632, 5.4181



99.3620, -48.9855, 78.6125



32.3270, -15.9372, 25.1462

Inverse Universe

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



168.9190, 39.4799, -63.0730



157.1220, 48.2539, -77.2830



124.8940, 61.1843, -24.4630



118.1780, 3.3632, -5.4181



89.0510, 49.2749, -78.0977



28.6730, 15.9372, -25.1462

Previews

White Background



This preview shows how the YUV color 177.0810, -39.4799, 63.0730 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 177.0810, -39.4799, 63.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

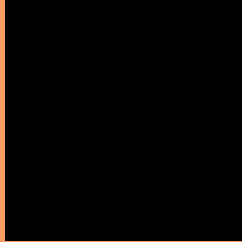
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.0810, -39.4799, 63.0730

Background



This preview shows how black text looks on a background with the YUV color 177.0810, -39.4799, 63.0730.



This preview shows how white text looks on a background with the YUV color 177.0810, -39.4799, 63.0730.

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

177.0810, -39.4799, 63.0730

Protanopia

175.6470, -34.8290, 17.8496

Deuteranopia

175.9870, -40.4196, 37.7224



Tritanopia

180.6490, -10.6730, 63.4518

Trichromacy



Original Color

177.0810, -39.4799, 63.0730

Protanomaly

176.2900, -36.6250, 33.9487

Deuteranomaly

176.4550, -40.1573, 46.9590

Tritanomaly

179.4890, -21.4401, 63.5921

Monochromacy



Original Color

177.0810, -39.4799, 63.0730

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7720, -14.1846, 23.0020

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0810, -39.4799, 63.0730 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(249, 156, 97)` looks like.

```
.text, #text, p{  
    color:rgb(249, 156, 97)  
}
```

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(249, 156, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 156, 97) }
```

Border

The CSS property to change the border of an element to YUV 177.0810, -39.4799, 63.0730 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(249, 156, 97) }
```


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

```
.border{ border-color:rgb(249, 156, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 156, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 156, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 156, 97);  
box-shadow:4px 4px 4px 4px rgb(249, 156,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 177.0810, -39.4799, 63.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 156, 97) }
```

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

```
.background{ background-color: rgb(249,  
156, 97) }
```

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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