

Converting Colors

YUV(171.0090, -36.9794,
54.3661)

Have a look what the booklet for
YUV(171.0090, -36.9794, 54.3661)
contains.

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Color

**YUV(171.0090, -36.9794,
54.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	E99A60
RGB	233, 154, 96
RGB Percent	91%, 60%, 38%
CMY	0.0863, 0.3961, 0.6235
CMYK	0.00, 0.34, 0.59, 0.09
HSL	25°, 76%, 65%
HSV	25°, 59%, 91%
XYZ	47.2712, 41.2794, 16.5426
YIQ	171.0090, 65.7020, -1.2900

Conversions

Conversions Part 2

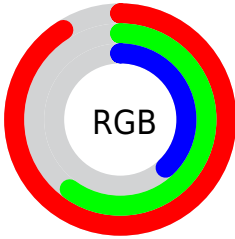
Format	Color
RYB	233, 197, 96
Decimal	15309408
CIELab	70.37, 23.86, 42.20
CIElCh	70, 48.473, 60.517
Yxy	41.2794, 0.4498, 0.3928
Android (android.graphics.Color)	4293499488 (0xFFE99A60)
YUV	171.0090, -36.9794, 54.3661
Hunter-Lab	64.2490, 18.8955, 29.7086

Details

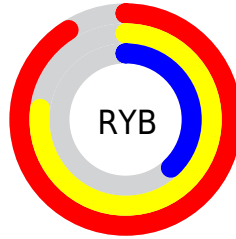
The YUV color **171.0090, -36.9794, 54.3661** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **157.9910, 36.9794, -54.3661**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8000, -33.4254, 34.3784**, and **116.9590, -34.4898, 49.1480** is the 20% darker color. If you saturate the color by 10%, you get **160.7560, -43.2637, 63.3580**, and if you desaturate by 10%, it is **181.2620, -30.6952, 45.3742**.

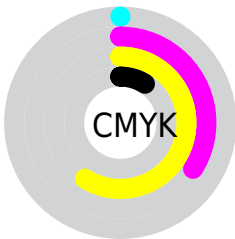
Distribution



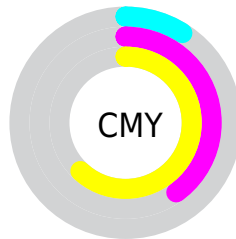
- Red (91%)
- Green (60%)
- Blue (38%)



- Red (91%)
- Yellow (77%)
- Blue (38%)



- Cyan (0%)
- Magenta (34%)
- Yellow (59%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0090, -36.9794, 54.3661 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 171.0090, -36.9794, 54.3661 by changing the saturation by 10% instead.

171.0090,
-36.9794, 54.3661

171.0090,
-36.9794, 54.3661

255.0000, 0.0000,
0.0000

143.9270,
-35.9530, 51.8070

215.8000,
-33.4254, 34.3784

116.9590,
-34.4898, 49.1480

235.3140,
-29.7348, 17.2646

91.4640, -33.7528,
46.0741

249.0720,
-22.7135, 5.1989

66.9690, -33.0157,
43.0002

252.2640,
-10.4832, 2.3995

45.0960, -22.2323,
37.6268

23.5220, -11.5963,
32.8682

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 171.0090,
-36.9794, 54.3661

■ 171.0090,
-36.9794, 54.3661

■ 160.7560,
-43.2637, 63.3580

■ 181.2620,
-30.6952, 45.3742

■ 149.8020,
-49.6954, 72.9646

■ 192.2160,
-24.2635, 35.7676

■ 139.5490,
-55.9797, 81.9565

■ 202.4690,
-17.9792, 26.7757

■ 128.7090,
-61.9745, 91.4632

■ 213.3090,
-11.9843, 17.2690

■ 127.7800,
-62.9955, 92.2779

■ 223.5620, -5.7001,
8.2771

■ 234.5160, 0.7316,
-1.3295

■ 244.3130, 5.2687,
-9.9215

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



172.6470, -21.0250, 70.4696



171.0090, -36.9794, 54.3661



168.3400, -42.5656, 26.0118

Triad

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



171.0090, -36.9794, 54.3661



133.9590, 18.2612, -117.4820



174.8160, 36.0797, 1.0384

Complementary

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



171.0090, -36.9794, 54.3661



157.9910, 36.9794, -54.3661

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.



161.3850, 46.1522, -56.4656



171.0090, -36.9794, 54.3661



138.3880, 37.7697, -121.3663

Square

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



171.0090, -36.9794, 54.3661



155.5980, -14.0988, -51.3904



138.6280, 53.9204, -121.5768



177.0250, 19.2147, 43.8281

Rectangle

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



171.0090, -36.9794, 54.3661



165.5220, -38.7113, 3.0502



138.6280, 53.9204, -121.5768



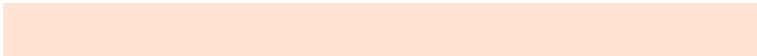
172.5580, 40.6439, -16.2754

Sweetspot

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



171.0090, -36.9794, 54.3661



234.4940, -12.5685, 17.9838



146.0830, 14.7491, 76.2262



114.7150, -7.7475, 11.6509



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.



171.0090, -36.9794, 54.3661



173.3180, -48.9638, 71.6351



210.9250, -56.6580, 19.3598



112.2240, -3.0684, 4.1886



99.3180, -48.9638, 71.6351



29.6470, -14.6160, 21.3576

Inverse Universe

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



157.9910, 36.9794, -54.3661



155.6820, 48.9638, -71.6351



118.0750, 56.6580, -19.3598



110.7760, 3.0684, -4.1886



81.6820, 48.9638, -71.6351



24.3530, 14.6160, -21.3576

Previews

White Background



This preview shows how the YUV color 171.0090, -36.9794, 54.3661 looks on a white background.

Color Contrast Check

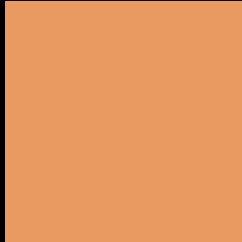
Large Text (above 18pt) WCAG AA × Fail

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 171.0090, -36.9794, 54.3661 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 171.0090, -36.9794, 54.3661 Background



This preview shows how black text looks on a background with the YUV color 171.0090, -36.9794, 54.3661.



This preview shows how white text looks on a background with the YUV color 171.0090, -36.9794,

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

171.0090, -36.9794, 54.3661

Protanopia

169.8040, -32.9344, 16.8349

Deuteranopia

170.0730, -37.5040, 35.8930



Tritanopia

175.0500, -8.8986, 54.3302

Trichromacy



Original Color

171.0090, -36.9794, 54.3661

Protanomaly

170.1370, -34.5775, 30.5749

Deuteranomaly

170.2310, -37.0889, 42.7704

Tritanomaly

174.0040, -19.2290, 54.3705

Monochromacy



Original Color

171.0090, -36.9794, 54.3661

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2770, -13.4476, 19.9281

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0090, -36.9794, 54.3661 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(233, 154, 96)` looks like.

```
.text, #text, p{  
    color:rgb(233, 154, 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(233, 154, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 154, 96) }
```

Border

The CSS property to change the border of an element to YUV 171.0090, -36.9794, 54.3661 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(233, 154, 96) }
```


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

```
.border{ border-color:rgb(233, 154, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 154, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 154, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 154, 96);  
box-shadow:4px 4px 4px 4px rgb(233, 154,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 171.0090, -36.9794, 54.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 154, 96) }
```

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

```
.background{ background-color: rgb(233,  
154, 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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