

Converting Colors

YUV(173.9190, -47.2881,
47.4290)

Have a look what the booklet for
YUV(173.9190, -47.2881, 47.4290)
contains.

| | |
|------------------------------------------------|----|
| YUV(173.9190, -47.2881, 47.4290) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(173.9190, -47.2881,
47.4290)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E4A54E |
| RGB | 228, 165, 78 |
| RGB Percent | 89%, 65%, 31% |
| CMY | 0.1059, 0.3529, 0.6941 |
| CMYK | 0.00, 0.28, 0.66, 0.11 |
| HSL | 35°, 74%, 60% |
| HSV | 35°, 66%, 89% |
| XYZ | 46.8252, 43.9543, 13.2238 |
| YIQ | 173.9190, 65.4750, -13.7010 |

Conversions

Conversions Part 2

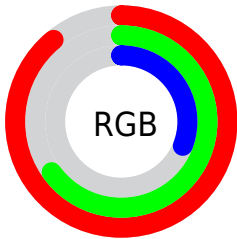
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 187, 228, 78 |
| Decimal | 14984526 |
| CIELab | 72.20, 14.73, 53.02 |
| CIELCh | 72, 55.030, 74.471 |
| Yxy | 43.9543, 0.4502, 0.4226 |
| Android (android.graphics.Color) | 4293174606 (0xFFE4A54E) |
| YUV | 173.9190, -47.2881, 47.4290 |
| Hunter-Lab | 66.2980, 10.0500, 34.5827 |

Details

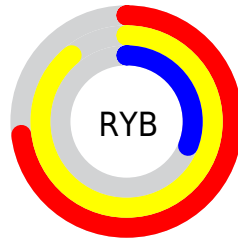
The YUV color **173.9190, -47.2881, 47.4290** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **132.0810, 47.2881, -47.4290**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2050, -44.4711, 30.5152**, and **119.7120, -46.6930, 43.2256** is the 20% darker color. If you saturate the color by 10%, you get **165.4270, -54.4405, 54.8765**, and if you desaturate by 10%, it is **182.4110, -40.1356, 39.9816**.

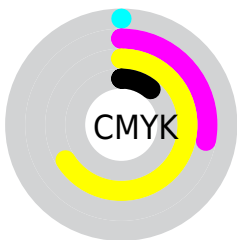
Distribution



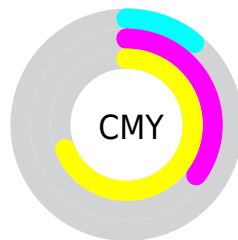
- Red (89%)
- Green (65%)
- Blue (31%)



- Red (73%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (66%)
- Black (11%)



- Cyan (11%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9190, -47.2881, 47.4290 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 173.9190, -47.2881, 47.4290 by changing the saturation by 10% instead.

173.9190,
-47.2881, 47.4290

173.9190,
-47.2881, 47.4290

255.0000, 0.0000,
0.0000

146.7230,
-46.6984, 44.9699

220.2050,
-44.4711, 30.5152

119.7120,
-46.6930, 43.2256

239.7190,
-40.7805, 13.4014

94.1030, -46.3928,
40.2517

247.0200,
-30.5759, 6.9985

71.3440, -35.1726,
34.7783

250.2120,
-18.3455, 4.1991

50.0580, -24.6786,
28.8901

253.5180, -5.6784,
1.2997

30.5440, -15.0582,
23.2019

9.8670, -4.8644,

20.2876

■ 0.0000, 0.0000,
0.0000

■ 173.9190,
-47.2881, 47.4290

■ 173.9190,
-47.2881, 47.4290

■ 165.4270,
-54.4405, 54.8765

■ 182.4110,
-40.1356, 39.9816

■ 157.5220,
-61.8823, 61.8092

■ 190.3160,
-32.6938, 33.0489

■ 149.1440,
-68.5980, 69.1567

■ 198.6940,
-25.9781, 25.7014

■ 145.6560,
-71.8084, 72.2157

■ 206.5990,
-18.5363, 18.7687

■ 215.0910,
-11.3839, 11.3212

■ 222.9960, -3.9420,
4.3885

■ 231.4880, 3.2104,
-3.0590

■ 239.2960, 7.7421,
-9.9066

■ 244.5790, 5.1376,
-14.5398

Harmonies

Analogous

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



174.3730, -32.2289, 70.7099



173.9190, -47.2881, 47.4290



170.1010, -46.8848, 11.3124

Triad

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



173.9190, -47.2881, 47.4290



141.4880, 29.3394, -124.0850



182.1720, 32.9462, 26.1592

Complementary

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



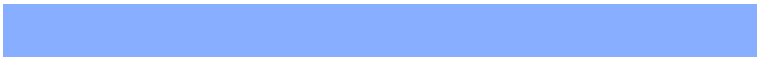
173.9190, -47.2881, 47.4290



132.0810, 47.2881, -47.4290

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.



171.5730, 41.1295, -32.0745



173.9190, -47.2881, 47.4290



144.8570, 49.8635, -127.0396

Square

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



173.9190, -47.2881, 47.4290



142.9320, 2.4985, -101.6724



140.6000, 56.3992, -123.3062



180.0340, 12.3082, 65.7452

Rectangle

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



173.9190, -47.2881, 47.4290



166.0310, -37.4833, -17.5672



140.6000, 56.3992, -123.3062



180.3870, 36.7842, 8.4306

Sweetspot

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



173.9190, -47.2881, 47.4290



236.8590, -16.1995, 15.9097



130.2600, 6.2808, 85.7180



116.8350, -9.7787, 9.7917



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.



173.9190, -47.2881, 47.4290



182.1910, -63.1982, 63.8535



207.9100, -64.0456, 8.8489



110.6970, -3.7946, 3.7737



114.5690, -56.4825, 56.5060



32.8590, -16.1995, 15.9097

Inverse Universe

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



132.0810, 47.2881, -47.4290



126.2220, 63.4876, -63.3387



98.0900, 64.0456, -8.8489



107.3030, 3.7946, -3.7737



64.4310, 56.4825, -56.5060



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 173.9190, -47.2881, 47.4290 looks on a white background.

Color Contrast Check

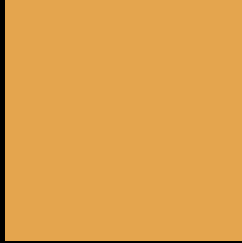
Large Text (above 18pt) WCAG AA × Fail

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 173.9190, -47.2881, 47.4290 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 173.9190, -47.2881, 47.4290 Background



This preview shows how black text looks on a background with the YUV color 173.9190, -47.2881, 47.4290.



This preview shows how white text looks on a background with the YUV color 173.9190, -47.2881,

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

173.9190, -47.2881, 47.4290

Protanopia

172.7370, -44.7333, 21.2787

Deuteranopia

173.7610, -47.7032, 40.5516



Tritanopia

179.9890, -6.4036, 47.3676

Trichromacy



Original Color

173.9190, -47.2881, 47.4290

Protanomaly

172.9770, -45.3447, 30.7152

Deuteranomaly

174.0710, -47.8560, 42.9107

Tritanomaly

178.0910, -21.2439, 47.2782

Monochromacy



Original Color

173.9190, -47.2881, 47.4290

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2290, -17.3679, 17.3392

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9190, -47.2881, 47.4290 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(228, 165, 78)` looks like.

```
.text, #text, p{  
    color:rgb(228, 165, 78)  
}
```

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(228, 165, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 165, 78) }
```

Border

The CSS property to change the border of an element to YUV 173.9190, -47.2881, 47.4290 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(228, 165, 78) }
```


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

```
.border{ border-color:rgb(228, 165, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 165, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 165, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 165, 78);  
box-shadow:4px 4px 4px 4px rgb(228, 165,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 173.9190, -47.2881, 47.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 165, 78) }
```

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

```
.background{ background-color: rgb(228,  
165, 78) }
```

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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