

Converting Colors

YUV(175.5540, -47.1081,
36.3481)

Have a look what the booklet for
YUV(175.5540, -47.1081, 36.3481)
contains.

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Color

**YUV(175.5540, -47.1081,
36.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AD50
RGB	217, 173, 80
RGB Percent	85%, 68%, 31%
CMY	0.1490, 0.3216, 0.6863
CMYK	0.00, 0.20, 0.63, 0.15
HSL	41°, 64%, 58%
HSV	41°, 63%, 85%
XYZ	45.0068, 45.2180, 13.9453
YIQ	175.5540, 56.0770, -19.5950

Conversions

Conversions Part 2

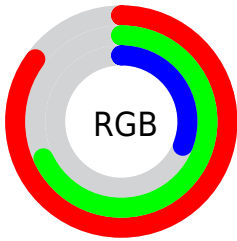
Format	Color
RYB	145, 217, 80
Decimal	14265680
CIELab	73.04, 5.94, 52.70
CIELCh	73, 53.030, 83.563
Yxy	45.2180, 0.4321, 0.4341
Android (android.graphics.Color)	4292455760 (0xFFD9AD50)
YUV	175.5540, -47.1081, 36.3481
Hunter-Lab	67.2444, 1.7928, 34.7754

Details

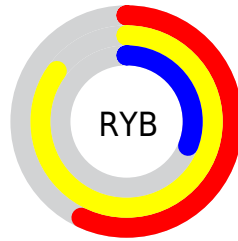
The YUV color **175.5540, -47.1081, 36.3481** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **121.4460, 47.1081, -36.3481**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1290, -45.9126, 26.1969**, and **121.6460, -46.6605, 32.7595** is the 20% darker color. If you saturate the color by 10%, you get **168.9370, -54.6919, 42.1513**, and if you desaturate by 10%, it is **182.1710, -39.5243, 30.5450**.

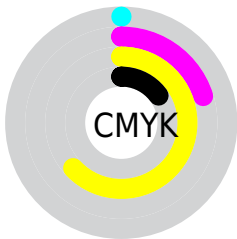
Distribution



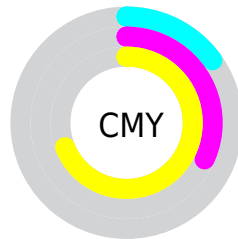
- Red (85%)
- Green (68%)
- Blue (31%)



- Red (57%)
- Yellow (85%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (63%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5540, -47.1081, 36.3481 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 175.5540, -47.1081, 36.3481 by changing the saturation by 10% instead.

■ 175.5540,
-47.1081, 36.3481

■ 175.5540,
-47.1081, 36.3481

■ 255.0000, 0.0000,
0.0000

■ 148.6570,
-46.6659, 34.5038

■ 225.1290,
-45.9126, 26.1969

■ 121.6460,
-46.6605, 32.7595

■ 244.1700,
-41.4958, 9.4979

■ 95.2220, -46.9444,
30.5003

■ 247.2480,
-29.7023, 6.7985

■ 73.6480, -36.3085,
25.7417

■ 250.5540,
-17.0351, 3.8991

■ 52.6610, -25.9619,
20.4683

■ 253.7460, -4.8048,
1.0998

■ 32.5600, -16.0521,
15.2949

■ 10.9970, -5.4215,

12.2806

■ 0.0000, 0.0000,
0.0000

■ 175.5540,
-47.1081, 36.3481

■ 175.5540,
-47.1081, 36.3481

■ 168.9370,
-54.6919, 42.1513

■ 182.1710,
-39.5243, 30.5450

■ 162.4340,
-61.8390, 47.8544

■ 188.6740,
-32.3773, 24.8419

■ 155.8170,
-69.4228, 53.6575

■ 195.2910,
-24.7935, 19.0388

■ 151.1720,
-74.5278, 57.7312

■ 201.9080,
-17.2096, 13.2357

■ 208.4110,
-10.0626, 7.5326

■ 215.0280, -2.4788,
1.7294

■ 221.6450, 5.1050,
-4.0737

■ 228.2620, 12.6888,
-9.8768

■ 232.4850, 11.0999,
-13.5803

Harmonies

Analogous

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



177.9610, -37.4488, 64.9322



175.5540, -47.1081, 36.3481



170.9900, -41.9001, -0.8682

Triad

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



175.5540, -47.1081, 36.3481



144.4860, 35.7494, -126.7142



184.8270, 26.2143, 38.7397

Complementary

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



175.5540, -47.1081, 36.3481



121.4460, 47.1081, -36.3481

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.



179.0810, 37.4281, -11.4720



175.5540, -47.1081, 36.3481



145.8830, 53.7947, -127.9394

Square

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



175.5540, -47.1081, 36.3481



138.1990, 14.1989, -121.2005



156.1700, 48.7232, -87.8491



179.7260, 6.0511, 66.0153

Rectangle

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



175.5540, -47.1081, 36.3481



166.3160, -29.7358, -29.2181



156.1700, 48.7232, -87.8491



184.3350, 32.3728, 23.3852

Sweetspot

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



175.5540, -47.1081, 36.3481



240.1360, -16.3360, 13.0357



126.2070, -0.1021, 79.6255



118.7100, -10.2100, 8.1473



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.



175.5540, -47.1081, 36.3481



196.4900, -66.7966, 51.3133



194.5050, -56.4510, -0.4429



106.3980, -3.6472, 3.1590



120.9930, -59.6495, 45.6101



31.9510, -15.7518, 12.3210

Inverse Universe

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



121.4460, 47.1081, -36.3481



119.5100, 66.7966, -51.3133



102.4950, 56.4510, 0.4429



102.0150, 3.9366, -2.6442



52.5940, 59.3602, -46.1249



14.0490, 15.7518, -12.3210

Previews

White Background



This preview shows how the YUV color 175.5540, -47.1081, 36.3481 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 175.5540, -47.1081, 36.3481 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 175.5540, -47.1081, 36.3481 Background



This preview shows how black text looks on a background with the YUV color 175.5540, -47.1081, 36.3481.



This preview shows how white text looks on a background with the YUV color 175.5540, -47.1081, 36.3481.

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

175.5540, -47.1081, 36.3481

Protanopia

174.5090, -45.6069, 21.4786

Deuteranopia

175.9890, -46.8296, 40.3516



Tritanopia

182.9060, -3.8977, 36.9164

Trichromacy



Original Color

175.5540, -47.1081, 36.3481

Protanomaly

174.7270, -46.2074, 27.4264

Deuteranomaly

175.9780, -46.8242, 38.6073

Tritanomaly

180.3670, -19.9009, 36.5121

Monochromacy



Original Color

175.5540, -47.1081, 36.3481

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9080, -17.2096, 13.2357

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5540, -47.1081, 36.3481 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(217, 173, 80)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 80)  
}
```

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(217, 173, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 80) }
```

Border

The CSS property to change the border of an element to YUV 175.5540, -47.1081, 36.3481 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(217, 173, 80) }
```


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

```
.border{ border-color:rgb(217, 173, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 80);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 175.5540, -47.1081, 36.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 80) }
```

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

```
.background{ background-color: rgb(217,  
173, 80) }
```

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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