

Converting Colors

YUV(180.7290, -28.9534,
46.7187)

Have a look what the booklet for
YUV(180.7290, -28.9534, 46.7187)
contains.

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Color

**YUV(180.7290, -28.9534,
46.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	EAA57A
RGB	234, 165, 122
RGB Percent	92%, 65%, 48%
CMY	0.0824, 0.3529, 0.5216
CMYK	0.00, 0.29, 0.48, 0.08
HSL	23°, 73%, 70%
HSV	23°, 48%, 92%
XYZ	50.8997, 45.8078, 24.5714
YIQ	180.7290, 54.9270, 1.2550

Conversions

Conversions Part 2

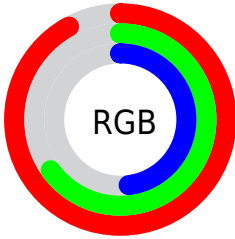
Format	Color
R _Y B	234, 192, 122
Decimal	15377786
CIE Lab	73.42, 20.60, 32.41
CIE LCh	73, 38.402, 57.559
Yxy	45.8078, 0.4197, 0.3777
Android (android.graphics.Color)	4293567866 (0xFFEAA57A)
YUV	180.7290, -28.9534, 46.7187
Hunter-Lab	67.6815, 15.7978, 25.8521

Details

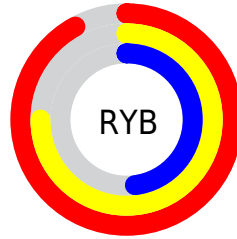
The YUV color **180.7290, -28.9534, 46.7187** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **175.2710, 28.9534, -46.7187**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3350, -24.8152, 26.0162**, and **127.2770, -26.7586, 42.7301** is the 20% darker color. If you saturate the color by 10%, you get **169.8890, -34.9483, 56.2253**, and if you desaturate by 10%, it is **191.5690, -22.9585, 37.2120**.

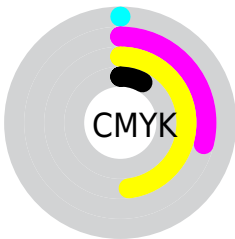
Distribution



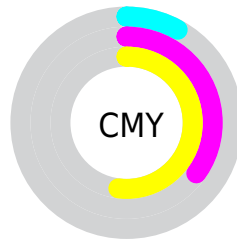
- Red (92%)
- Green (65%)
- Blue (48%)



- Red (92%)
- Yellow (75%)
- Blue (48%)



- Cyan (0%)
- Magenta (29%)
- Yellow (48%)
- Black (8%)



- Cyan (8%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7290, -28.9534, 46.7187 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 180.7290, -28.9534, 46.7187 by changing the saturation by 10% instead.

180.7290,
-28.9534, 46.7187

180.7290,
-28.9534, 46.7187

255.0000, 0.0000,
0.0000

153.6470,
-27.9270, 44.1596

225.3350,
-24.8152, 26.0162

127.2770,
-26.7586, 42.7301

245.4360,
-21.4139, 8.3876

101.1950,
-25.7321, 40.1710

252.2640,
-10.4832, 2.3995

76.2270, -24.2689,
37.5119

52.5040, -24.4055,
34.6380

31.4740, -15.5167,
30.2793

12.2590, -6.0437,

25.2059

■ 0.0000, 0.0000,
0.0000

■ 180.7290,
-28.9534, 46.7187

■ 180.7290,
-28.9534, 46.7187

■ 169.8890,
-34.9483, 56.2253

■ 191.5690,
-22.9585, 37.2120

■ 158.3480,
-41.0906, 66.3468

■ 203.1100,
-16.8162, 27.0905

■ 147.5080,
-47.0854, 75.8535

■ 213.9500,
-10.8213, 17.5839

■ 135.9670,
-53.2277, 85.9749

■ 225.4910, -4.6791,
7.4624

■ 125.1270,
-59.2226, 95.4816

■ 236.3310, 1.3158,
-2.0443

■ 122.7960,
-60.5384, 97.5259

■ 246.3730, 4.2531,
-10.8511

■ 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



182.2370, -15.8928, 57.6742



180.7290, -28.9534, 46.7187



178.0330, -33.5403, 24.5271

Triad

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



180.7290, -28.9534, 46.7187



161.3950, 7.2003, -69.6294



182.4860, 29.8334, -2.1802

Complementary

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



180.7290, -28.9534, 46.7187



175.2710, 28.9534, -46.7187

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.



174.4700, 37.2363, -43.3852



180.7290, -28.9534, 46.7187



152.6420, 29.2635, -99.6640

Square

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



180.7290, -28.9534, 46.7187



169.1100, -13.8582, -35.1765



160.2600, 38.8188, -84.4200



185.2640, 16.6318, 32.2175

Rectangle

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



180.7290, -28.9534, 46.7187



176.0800, -31.5914, 6.0688



160.2600, 38.8188, -84.4200



180.7940, 32.6396, -15.6053

Sweetspot

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



180.7290, -28.9534, 46.7187



237.9820, -9.3581, 14.9248



163.3540, 13.6295, 61.9565



117.2740, -5.5581, 9.4067



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.



180.7290, -28.9534, 46.7187



185.6400, -37.2905, 60.8287



213.6010, -45.1593, 17.8899



111.6370, -2.7790, 4.7034



95.2090, -46.9380, 75.2387



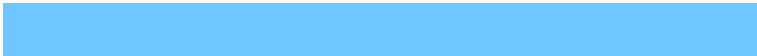
28.4730, -14.0372, 22.3872

Inverse Universe

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



175.2710, 28.9534, -46.7187



178.7730, 37.5799, -60.3139



142.3990, 45.1593, -17.8899



111.3630, 2.7790, -4.7034



86.3780, 46.6486, -75.7535



25.5270, 14.0372, -22.3872

Previews

White Background



This preview shows how the YUV color 180.7290, -28.9534, 46.7187 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 180.7290, -28.9534, 46.7187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

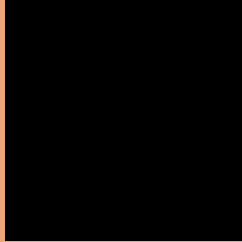
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.7290, -28.9534, 46.7187

Background



This preview shows how black text looks on a background with the YUV color 180.7290, -28.9534, 46.7187.



This preview shows how white text looks on a background with the YUV color 180.7290, -28.9534,

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

180.7290, -28.9534, 46.7187

Protanopia

179.1440, -25.2140, 13.9057

Deuteranopia

180.1140, -29.6362, 32.3490



Tritanopia

183.9890, -6.4036, 47.3676

Trichromacy



Original Color

180.7290, -28.9534, 46.7187

Protanomaly

179.5800, -26.4149, 25.8013

Deuteranomaly

180.2610, -29.2157, 37.4821

Tritanomaly

182.8120, -14.6973, 47.5229

Monochromacy



Original Color

180.7290, -28.9534, 46.7187

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7650, -10.2371, 16.8691

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7290, -28.9534, 46.7187 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(234, 165, 122)` looks like.

```
.text, #text, p{  
    color:rgb(234, 165, 122)  
}
```

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(234, 165, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 165, 122) }
```

Border

The CSS property to change the border of an element to YUV 180.7290, -28.9534, 46.7187 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(234, 165, 122) }
```


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

```
.border{ border-color:rgb(234, 165, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 165, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 165, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 165, 122);  
box-shadow:4px 4px 4px 4px rgb(234, 165,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 180.7290, -28.9534, 46.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 165, 122) }
```

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

```
.background{ background-color: rgb(234,  
165, 122) }
```

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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