

Converting Colors

YUV(172.4090, -50.4876,
46.9993)

Have a look what the booklet for
YUV(172.4090, -50.4876, 46.9993)
contains.

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Color

**YUV(172.4090, -50.4876,
46.9993)**

Conversions

Conversions Part 1	
Format	Color
Hex	E2A546
RGB	226, 165, 70
RGB Percent	89%, 65%, 27%
CMY	0.1137, 0.3529, 0.7255
CMYK	0.00, 0.27, 0.69, 0.11
HSL	37°, 73%, 58%
HSV	37°, 69%, 89%
XYZ	45.9247, 43.5212, 11.7743
YIQ	172.4090, 66.8510, -16.6130

Conversions

Conversions Part 2

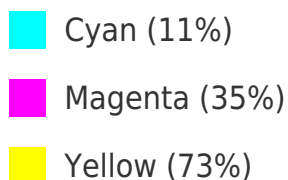
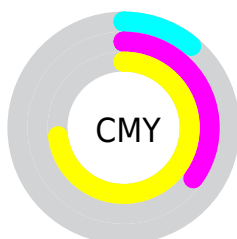
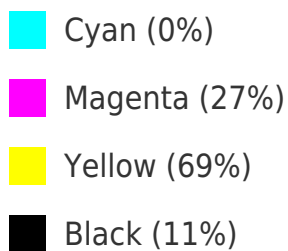
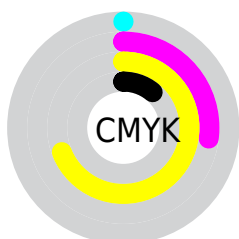
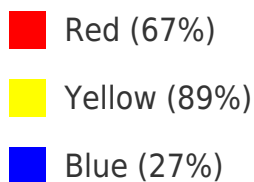
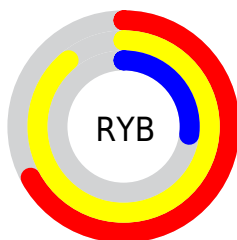
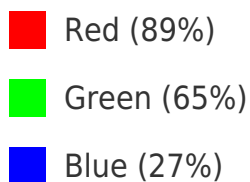
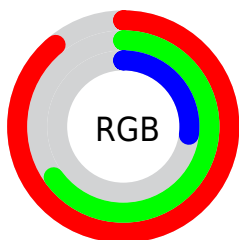
Format	Color
RYB	170, 226, 70
Decimal	14853446
CIELab	71.91, 13.44, 56.28
CIELCh	72, 57.862, 76.571
Yxy	43.5212, 0.4537, 0.4300
Android (android.graphics.Color)	4293043526 (0xFFE2A546)
YUV	172.4090, -50.4876, 46.9993
Hunter-Lab	65.9706, 8.8121, 35.5975

Details

The YUV color **172.4090, -50.4876, 46.9993** 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 **123.5910, 50.4876, -46.9993**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4070, -47.5287, 31.2151**, and **117.3330, -51.9292, 42.6810** is the 20% darker color. If you saturate the color by 10%, you get **164.5040, -57.9295, 53.9320**, and if you desaturate by 10%, it is **180.3140, -43.0458, 40.0666**.


Distribution



Brightness & Saturation Gradients

These gradients show how the YUV color 172.4090, -50.4876, 46.9993 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 172.4090, -50.4876, 46.9993 by changing the saturation by 10% instead.


 172.4090,
-50.4876, 46.9993


 172.4090,
-50.4876, 46.9993


255.0000, 0.0000,
0.0000


 145.0990,
-50.3348, 44.6402


 219.4070,
-47.5287, 31.2151

 117.3330,
-51.9292, 42.6810


 238.9210,
-43.8381, 14.1013


 93.2060, -45.9506,
38.4073


 246.1080,
-34.0702, 7.7983

 71.3330, -35.1672,
33.0340

 249.3000,
-21.8399, 4.9989

 50.0470, -24.6732,
27.1458

 252.6060, -9.1728,
2.0995

 29.6470, -14.6160,
21.3576

 9.2690, -4.5696,

19.0581

0.0000, 0.0000,
0.0000

172.4090,
-50.4876, 46.9993

172.4090,
-50.4876, 46.9993

164.5040,
-57.9295, 53.9320

180.3140,
-43.0458, 40.0666

156.7130,
-64.9345, 60.7647

188.1050,
-36.0408, 33.2339


148.8080,
-72.3763, 67.6974


196.0100,
-28.5989, 26.3012


148.5800,
-73.2499, 67.8973

203.2140,
-21.3045, 19.9833

211.1190,
-13.8627, 13.0506

 219.0240, -6.4208,
6.1180

 226.8150, 0.5842,
-0.7148

 234.7200, 8.0260,
-7.6474

 240.4590, 7.1687,
-12.6805

Harmonies

Analogous

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



172.8740, -35.4339, 72.0245



172.4090, -50.4876, 46.9993



168.5090, -49.0579, 8.3236

Triad

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



172.4090, -50.4876, 46.9993



141.9440, 31.0866, -124.4849



181.3190, 33.3667, 31.2922

Complementary

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



172.4090, -50.4876, 46.9993



123.5910, 50.4876, -46.9993

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.



171.2960, 41.2661, -29.2006



172.4090, -50.4876, 46.9993



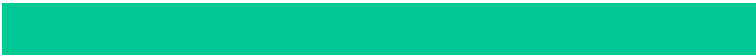
145.5410, 52.4843, -127.6395

Square

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



172.4090, -50.4876, 46.9993



135.0870, 7.3521, -118.4713



140.0130, 56.6886, -122.7914



177.3440, 12.1554, 68.1043

Rectangle

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



172.4090, -50.4876, 46.9993



163.5960, -37.7618, -21.5707



140.0130, 56.6886, -122.7914



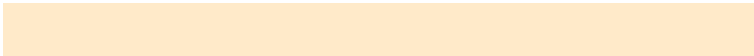
180.1210, 36.9153, 13.0489

Sweetspot

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



172.4090, -50.4876, 46.9993



236.5170, -17.5099, 16.2096



123.7120, 4.0860, 89.7066



116.7210, -10.2155, 9.8917



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.



172.4090, -50.4876, 46.9993



182.1110, -68.5817, 63.9237



203.4320, -65.7820, 5.7601



108.3980, -3.6472, 3.1590



115.4330, -56.9085, 53.1173



31.9620, -15.7573, 14.0653

Inverse Universe

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



123.5910, 50.4876, -46.9993



115.8890, 68.5817, -63.9237



92.5680, 65.7820, -5.7601



104.6020, 3.6472, -3.1590



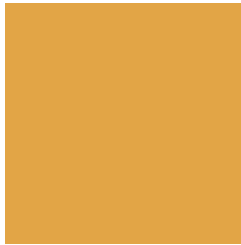
60.5670, 56.9085, -53.1173



16.6250, 15.4679, -14.5801

Previews

White Background



This preview shows how the YUV color 172.4090, -50.4876, 46.9993 looks on a white background.

Color Contrast Check

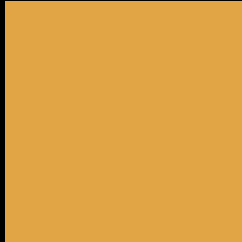
Large Text (above 18pt) WCAG AA × Fail

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 172.4090, -50.4876, 46.9993 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 172.4090, -50.4876, 46.9993

Background



This preview shows how black text looks on a background with the YUV color 172.4090, -50.4876, 46.9993.



This preview shows how white text looks on a background with the YUV color 172.4090, -50.4876,

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

172.4090, -50.4876, 46.9993

Protanopia

171.1240, -48.3751, 22.6933

Deuteranopia


172.2620, -50.9082, 41.8662






Tritanopia

179.6900, -6.2562, 46.7529

Trichromacy

	Original Color 172.4090, -50.4876, 46.9993
	Protanomaly 171.9510, -49.2758, 31.6150
	Deuteranomaly 172.2730, -50.9136, 43.6106
	Tritanomaly 177.1510, -22.2594, 46.3486

Monochromacy

	Original Color 172.4090, -50.4876, 46.9993
	Achromatopsia 172.0000, 0.0000, 0.0000
	Achromatomaly 172.0010, -18.2415, 17.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4090, -50.4876, 46.9993 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(226, 165, 70)` looks like.

```
.text, #text, p{  
    color:rgb(226, 165, 70)  
}
```

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(226, 165, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 165, 70) }
```

Border

The CSS property to change the border of an element to YUV 172.4090, -50.4876, 46.9993 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(226, 165, 70) }
```


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

```
.border{ border-color:rgb(226, 165, 70) }
```

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

Here you see how a box with a 4 pixel rgb(226, 165, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 165, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 165, 70);  
box-shadow:4px 4px 4px 4px rgb(226, 165,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 172.4090, -50.4876, 46.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 165, 70) }
```

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

```
.background{ background-color: rgb(226,  
165, 70) }
```

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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