

Converting Colors

YUV(177.5180, -49.0624,
56.5507)

Have a look what the booklet for
YUV(177.5180, -49.0624, 56.5507)
contains.

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Color

**YUV(177.5180, -49.0624,
56.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A44E
RGB	242, 164, 78
RGB Percent	95%, 64%, 31%
CMY	0.0510, 0.3569, 0.6941
CMYK	0.00, 0.32, 0.68, 0.05
HSL	31°, 86%, 63%
HSV	31°, 68%, 95%
XYZ	51.2686, 45.9782, 13.3803
YIQ	177.5180, 74.0940, -10.2100

Conversions

Conversions Part 2

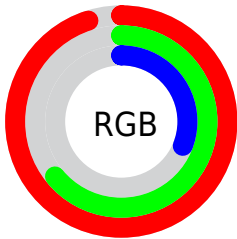
Format	Color
R_{YB}	227, 242, 78
Decimal	15901774
CIE _{Lab}	73.53, 21.10, 54.93
CIE _{LCh}	74, 58.845, 68.986
Yxy	45.9782, 0.4634, 0.4156
Android (android.graphics.Color)	4294091854 (0xFFFF2A44E)
YUV	177.5180, -49.0624, 56.5507
Hunter-Lab	67.8072, 16.2999, 35.7655

Details

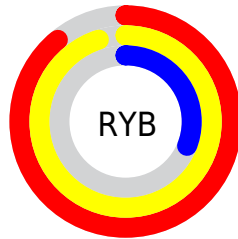
The YUV color **177.5180, -49.0624, 56.5507** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **142.4820, 49.0624, -56.5507**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6180, -44.1817, 31.0300**, and **122.7130, -48.1725, 51.1177** is the 20% darker color. If you saturate the color by 10%, you get **167.7380, -56.0728, 65.1278**, and if you desaturate by 10%, it is **187.2980, -42.0519, 47.9737**.

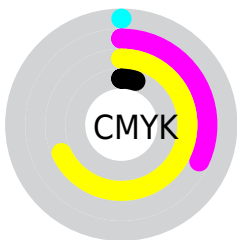
Distribution



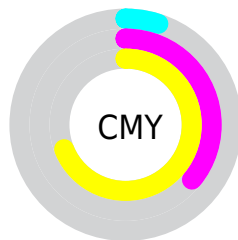
- Red (95%)
- Green (64%)
- Blue (31%)



- Red (89%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (68%)
- Black (5%)



- Cyan (5%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5180, -49.0624, 56.5507 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 177.5180, -49.0624, 56.5507 by changing the saturation by 10% instead.

177.5180,
-49.0624, 56.5507

177.5180,
-49.0624, 56.5507

255.0000, 0.0000,
0.0000

150.0230,
-48.3253, 53.4768

219.6180,
-44.1817, 31.0300

122.7130,
-48.1725, 51.1177

239.7190,
-40.7805, 13.4014

96.5170, -47.5829,
48.6586

247.0200,
-30.5759, 6.9985

74.3450, -36.6521,
42.6704

250.2120,
-18.3455, 4.1991

52.1730, -25.7213,
36.6823

253.5180, -5.6784,
1.2997

31.4740, -15.5167,
30.2793

12.5580, -6.1911,

25.8206

■ 0.0000, 0.0000,
0.0000

■ 177.5180,
-49.0624, 56.5507

■ 177.5180,
-49.0624, 56.5507

■ 167.7380,
-56.0728, 65.1278

■ 187.2980,
-42.0519, 47.9737

■ 158.5450,
-63.3727, 73.1900

■ 196.4910,
-34.7521, 39.9114

■ 148.6510,
-70.8199, 81.8671

■ 206.3850,
-27.3048, 31.2344

■ 146.9070,
-72.4252, 83.3966

■ 215.5780,
-20.0050, 23.1721

■ 225.3580,
-12.9945, 14.5950

■ 234.5510, -5.6946,
6.5328

■ 244.3310, 1.3158,
-2.0443

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



173.8830, -29.0293, 71.1396



177.5180, -49.0624, 56.5507



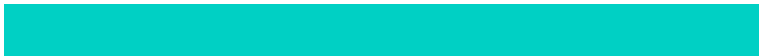
173.7770, -52.1481, 19.4896

Triad

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



177.5180, -49.0624, 56.5507



144.4400, 25.4191, -126.6739



184.2850, 34.8625, 18.1671

Complementary

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



177.5180, -49.0624, 56.5507



142.4820, 49.0624, -56.5507

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.



168.8050, 42.4941, -49.8180



177.5180, -49.0624, 56.5507



148.4930, 48.5640, -130.2284

Square

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



177.5180, -49.0624, 56.5507



149.7500, -4.8068, -91.8658



144.7090, 54.3735, -126.9098



183.6190, 18.4288, 62.6011

Rectangle

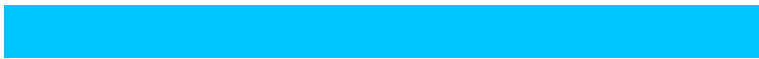
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.5180, -49.0624, 56.5507



169.7670, -43.7621, -10.3197



144.7090, 54.3735, -126.9098



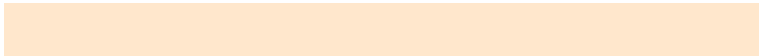
180.9190, 36.5219, -0.8060

Sweetspot

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



177.5180, -49.0624, 56.5507



235.0980, -15.3313, 17.4541



136.0420, 10.3323, 92.9252



115.6610, -9.1999, 10.8213



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.



177.5180, -49.0624, 56.5507



173.8760, -62.0569, 71.1457



222.4070, -71.1927, 14.5521



115.1100, -3.5052, 4.2885



111.3680, -54.9044, 63.6983



33.7670, -16.6471, 19.4983

Inverse Universe

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



142.4820, 49.0624, -56.5507



129.7110, 61.7675, -71.6605



97.5930, 71.1927, -14.5521



112.8900, 3.5052, -4.2885



72.0450, 55.1938, -63.1835



22.2330, 16.6471, -19.4983

Previews

White Background



This preview shows how the YUV color 177.5180, -49.0624, 56.5507 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 177.5180, -49.0624, 56.5507 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 177.5180, -49.0624, 56.5507

Background



This preview shows how black text looks on a background with the YUV color 177.5180, -49.0624, 56.5507.



This preview shows how white text looks on a background with the YUV color 177.5180, -49.0624,

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

177.5180, -49.0624, 56.5507

Protanopia

175.8080, -45.7543, 22.0934

Deuteranopia

176.9030, -49.7452, 42.1811



Tritanopia

183.4740, -8.6147, 56.5893

Trichromacy



Original Color

177.5180, -49.0624, 56.5507

Protanomaly

176.5430, -47.1027, 34.6038

Deuteranomaly

177.0500, -49.3246, 47.3142

Tritanomaly

181.5760, -23.4550, 56.4998

Monochromacy



Original Color

177.5180, -49.0624, 56.5507

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.8380, -17.6681, 20.3131

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5180, -49.0624, 56.5507 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(242, 164, 78)` looks like.

```
.text, #text, p{  
    color:rgb(242, 164, 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(242, 164, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 164, 78) }
```

Border

The CSS property to change the border of an element to YUV 177.5180, -49.0624, 56.5507 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(242, 164, 78) }
```


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

```
.border{ border-color:rgb(242, 164, 78) }
```

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

Here you see how a box with a 4 pixel rgb(242, 164, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 164, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 164, 78);  
box-shadow:4px 4px 4px 4px rgb(242, 164,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 177.5180, -49.0624, 56.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 164, 78) }
```

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

```
.background{ background-color: rgb(242,  
164, 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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