

Converting Colors

YUV(215.7880, -48.7025,
34.3889)

Have a look what the booklet for
YUV(215.7880, -48.7025, 34.3889)
contains.

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Color

**YUV(215.7880, -48.7025,
34.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD775
RGB	255, 215, 117
RGB Percent	100%, 84%, 46%
CMY	0.0000, 0.1569, 0.5412
CMYK	0.00, 0.16, 0.54, 0.00
HSL	43°, 100%, 73%
HSV	43°, 54%, 100%
XYZ	68.7513, 71.1452, 26.9384
YIQ	215.7880, 55.2980, -21.9980

Conversions

Conversions Part 2

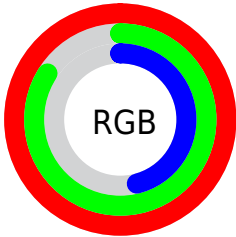
Format	Color
RYB	173, 255, 117
Decimal	16766837
CIELab	87.56, 2.47, 52.99
CIELCh	88, 53.047, 87.329
Yxy	71.1452, 0.4121, 0.4264
Android (android.graphics.Color)	4294956917 (0xFFFFD775)
YUV	215.7880, -48.7025, 34.3889
Hunter-Lab	84.3476, -2.1139, 40.1077

Details

The YUV color **215.7880, -48.7025, 34.3889** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **156.2120, 48.7025, -34.3889**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4240, -36.6910, 8.3982**, and **160.5210, -47.0919, 31.1151** is the 20% darker color. If you saturate the color by 10%, you get **208.7150, -58.0335, 40.5919**, and if you desaturate by 10%, it is **222.8610, -39.3715, 28.1859**.

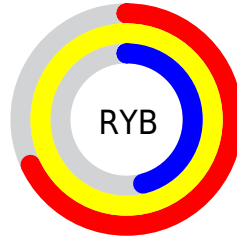
Distribution



Red (100%)

Green (84%)

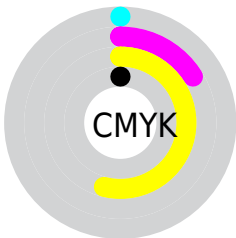
Blue (46%)



Red (68%)

Yellow (100%)

Blue (46%)

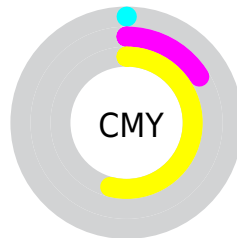


Cyan (0%)

Magenta (16%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.7880, -48.7025, 34.3889 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 215.7880, -48.7025, 34.3889 by changing the saturation by 10% instead.

215.7880,
-48.7025, 34.3889

215.7880,
-48.7025, 34.3889

255.0000, 0.0000,
0.0000

187.4180,
-47.5341, 32.9594

245.4240,
-36.6910, 8.3982

160.5210,
-47.0919, 31.1151

248.6160,
-24.4607, 5.5988

132.9230,
-46.7970, 29.8855

251.9220,
-11.7935, 2.6994

105.8150,
-49.7018, 28.2262

83.0840, -40.9604,
24.4823

61.5100, -30.3244,
19.7237

41.1100, -20.2672,

13.9355

■ 22.1940, -10.9416,
9.4769

■ 0.0000, 0.0000,
0.0000

■ 215.7880,
-48.7025, 34.3889

■ 215.7880,
-48.7025, 34.3889

■ 208.7150,
-58.0335, 40.5919

■ 222.8610,
-39.3715, 28.1859

■ 201.1690,
-66.6383, 47.2098

■ 230.4070,
-30.7667, 21.5681

■ 194.0960,
-75.9693, 53.4128

■ 237.4800,
-21.4356, 15.3650

■ 186.5500,
-84.5741, 60.0307

■ 245.0260,
-12.8308, 8.7472

■ 182.4920,
-89.9686, 63.5895

■ 251.9850, -3.9366,
2.6442

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



207.3880, -35.1943, 41.7557



215.7880, -48.7025, 34.3889



210.4840, -41.1576, -5.6865

Triad

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



215.7880, -48.7025, 34.3889



172.8850, 40.4827, -151.6201



216.8450, 18.8104, 33.4619

Complementary

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



215.7880, -48.7025, 34.3889



156.2120, 48.7025, -34.3889

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.



216.0490, 19.2028, 0.8340



215.7880, -48.7025, 34.3889



169.3630, 42.2190, -148.5314

Square

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



215.7880, -48.7025, 34.3889



183.9440, 14.3246, -114.8379



200.3030, 26.9656, -62.5327



207.0820, 9.3266, 42.0241

Rectangle

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



215.7880, -48.7025, 34.3889



206.0270, -28.1143, -35.9807



200.3030, 26.9656, -62.5327



219.7800, 17.3635, 30.8879

Sweetspot

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



215.7880, -48.7025, 34.3889



243.2820, -14.4360, 10.2767



162.9360, -2.4334, 80.7401



120.4540, -8.6048, 6.6178



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.



215.7880, -48.7025, 34.3889



207.9000, -58.6177, 41.3067



230.8960, -56.1507, -3.4168



124.1700, -4.5208, 3.3589



136.9410, -67.5119, 47.4097



45.5510, -22.4566, 16.1798

Inverse Universe

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



156.2120, 48.7025, -34.3889



136.1000, 58.6177, -41.3067



141.1040, 56.1507, 3.4168



118.2430, 4.8102, -2.8441



54.0590, 67.5119, -47.4097



17.8620, 22.7460, -15.6650

Previews

White Background



This preview shows how the YUV color 215.7880, -48.7025, 34.3889 looks on a white background.

Color Contrast Check

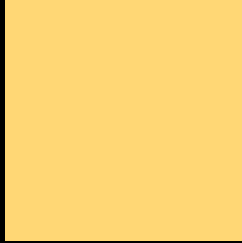
Large Text (above 18pt) WCAG AA × Fail

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 215.7880, -48.7025, 34.3889 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 215.7880, -48.7025, 34.3889

Background



This preview shows how black text looks on a background with the YUV color 215.7880, -48.7025, 34.3889.



This preview shows how white text looks on a background with the YUV color 215.7880, -48.7025, 34.3889.

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

215.7880, -48.7025, 34.3889

Protanopia

215.0640, -47.3596, 23.6229

Deuteranopia

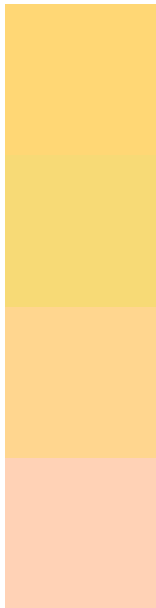
219.2880, -30.2150, 31.3194



Tritanopia

222.7200, -1.8340, 28.3096

Trichromacy



Original Color

215.7880, -48.7025, 34.3889

Protanomaly

215.2710, -47.9546, 27.8263

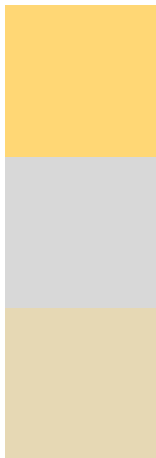
Deuteranomaly

218.1650, -37.0563, 32.3043

Tritanomaly

220.2630, -18.8637, 30.4643

Monochromacy



Original Color

215.7880, -48.7025, 34.3889

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0820, -17.7884, 12.2061

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.7880, -48.7025, 34.3889 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(255, 215, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 117)  
}
```

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(255, 215, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 117) }
```

Border

The CSS property to change the border of an element to YUV 215.7880, -48.7025, 34.3889 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(255, 215, 117) }
```


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

```
.border{ border-color:rgb(255, 215, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 215.7880, -48.7025, 34.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 117) }
```

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

```
.background{ background-color: rgb(255,  
215, 117) }
```

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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