

Converting Colors

YUV(175.6790, -66.8897,
34.4845)

Have a look what the booklet for
YUV(175.6790, -66.8897, 34.4845)
contains.

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Color

**YUV(175.6790, -66.8897,
34.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B628
RGB	215, 182, 40
RGB Percent	84%, 71%, 16%
CMY	0.1569, 0.2863, 0.8431
CMYK	0.00, 0.15, 0.81, 0.16
HSL	49°, 69%, 50%
HSV	49°, 81%, 84%
XYZ	45.1353, 48.0562, 8.9044
YIQ	175.6790, 65.2500, -37.1660

Conversions

Conversions Part 2

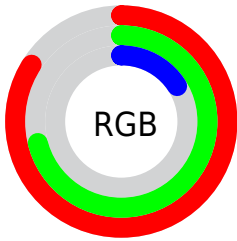
Format	Color
R _Y B	81, 215, 40
Decimal	14136872
CIE Lab	74.86, -1.55, 69.84
CIE LCh	75, 69.861, 91.272
Yxy	48.0562, 0.4421, 0.4707
Android (android.graphics.Color)	4292326952 (0xFFD7B628)
YUV	175.6790, -66.8897, 34.4845
Hunter-Lab	69.3226, -5.0948, 40.9101

Details

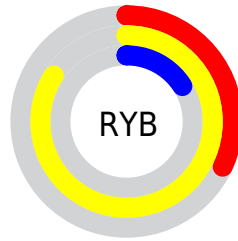
The YUV color **175.6790, -66.8897, 34.4845** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **79.3210, 66.8897, -34.4845**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2370, -63.2208, 24.3482**, and **122.9540, -60.6163, 28.9813** is the 20% darker color. If you saturate the color by 10%, you get **170.9370, -74.9049, 38.6433**, and if you desaturate by 10%, it is **180.5350, -58.4378, 30.2258**.

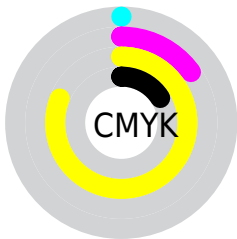
Distribution



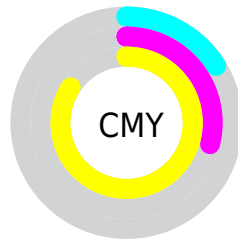
- Red (84%)
- Green (71%)
- Blue (16%)



- Red (32%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (15%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.6790, -66.8897, 34.4845 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 175.6790, -66.8897, 34.4845 by changing the saturation by 10% instead.

■ 175.6790,
-66.8897, 34.4845

■ 175.6790,
-66.8897, 34.4845

■ 255.0000, 0.0000,
0.0000

■ 146.3000,
-72.1259, 33.9399

■ 227.2370,
-63.2208, 24.3482

■ 122.9540,
-60.6163, 28.9813

■ 240.4080,
-55.9101, 12.7972

■ 99.6080, -49.1067,
24.0228

■ 243.6000,
-43.6798, 9.9978

■ 77.1480, -38.0340,
19.1642

■ 246.7920,
-31.4495, 7.1984

■ 55.5740, -27.3980,
14.4056

■ 250.0980,
-18.7823, 4.2991

■ 35.4730, -17.4882,
9.2322

■ 253.4040, -6.1152,

■ 15.9590, -7.8678,

1.3997

3.5440

■ 0.0000, 0.0000,
0.0000

■ 175.6790,
-66.8897, 34.4845

■ 175.6790,
-66.8897, 34.4845

■ 170.9370,
-74.9049, 38.6433

■ 180.5350,
-58.4378, 30.2258

■ 166.4230,
-82.0465, 42.6020

■ 185.2770,
-50.4226, 26.0671

■ 190.1330,
-41.9706, 21.8084

■ 194.8750,
-33.9554, 17.6496

■ 199.7310,
-25.5034, 13.3909

■ 204.4730,
-17.4882, 9.2322

■ 209.3290, -9.0362,
4.9735

■ 214.0710, -1.0210,
0.8147

■ 218.9270, 7.4310,
-3.4440

Harmonies

Analogous

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



176.8570, -53.1735, 68.5314



175.6790, -66.8897, 34.4845



169.5460, -52.0342, -17.1418

Triad

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



175.6790, -66.8897, 34.4845



154.0040, 46.8330, -135.0615



185.4090, 30.3644, 61.0313

Complementary

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



175.6790, -66.8897, 34.4845



79.3210, 66.8897, -34.4845

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.



182.7240, 35.6321, 4.6271



175.6790, -66.8897, 34.4845



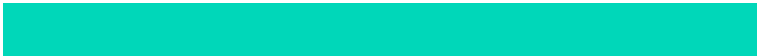
150.5790, 51.4796, -132.0578

Square

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



175.6790, -66.8897, 34.4845



147.2950, 18.5886, -129.1777



141.1870, 56.1098, -123.8210



169.4220, 7.1870, 75.0519

Rectangle

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



175.6790, -66.8897, 34.4845



160.3030, -30.2224, -59.9017



141.1870, 56.1098, -123.8210



188.3150, 32.8757, 48.8357

Sweetspot

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



175.6790, -66.8897, 34.4845



241.0020, -23.1720, 12.2762



96.3150, -10.5083, 104.0867



119.6730, -14.1358, 7.3028



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.



175.6790, -66.8897, 34.4845



198.9110, -95.5981, 49.1901



179.5020, -68.7745, -14.4723



104.5720, -4.2260, 2.1294



132.7220, -65.4319, 33.5698



33.4020, -16.4672, 8.4174

Inverse Universe

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



79.3210, 66.8897, -34.4845



61.0890, 95.5981, -49.1901



75.4980, 68.7745, 14.4723



98.4280, 4.2260, -2.1294



38.2780, 65.4319, -33.5698



9.5980, 16.4672, -8.4174

Previews

White Background



This preview shows how the YUV color 175.6790, -66.8897, 34.4845 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 175.6790, -66.8897, 34.4845 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 175.6790, -66.8897, 34.4845 Background



This preview shows how black text looks on a background with the YUV color 175.6790, -66.8897, 34.4845.



This preview shows how white text looks on a background with the YUV color 175.6790, -66.8897, 34.4845.

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

175.6790, -66.8897, 34.4845

Protanopia

175.1620, -66.1419, 27.9219

Deuteranopia

177.1090, -65.6227, 48.1394



Tritanopia

187.9270, -2.4290, 32.5130

Trichromacy



Original Color

175.6790, -66.8897, 34.4845

Protanomaly

175.4720, -66.2947, 30.2811

Deuteranomaly

176.9620, -66.0433, 43.0063

Tritanomaly

183.1510, -25.7104, 33.1936

Monochromacy



Original Color

175.6790, -66.8897, 34.4845

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.7740, -24.0456, 12.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.6790, -66.8897, 34.4845 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(215, 182, 40)` looks like.

```
.text, #text, p{  
    color:rgb(215, 182, 40)  
}
```

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(215, 182, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 182, 40) }
```

Border

The CSS property to change the border of an element to YUV 175.6790, -66.8897, 34.4845 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(215, 182, 40) }
```


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

```
.border{ border-color:rgb(215, 182, 40) }
```

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

Here you see how a box with a 4 pixel rgb(215, 182, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 182, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 182, 40);  
box-shadow:4px 4px 4px 4px rgb(215, 182,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 175.6790, -66.8897, 34.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 182, 40) }
```

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

```
.background{ background-color: rgb(215,  
182, 40) }
```

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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