

Converting Colors

YUV(199.5700, -48.1020,
28.4411)

Have a look what the booklet for
YUV(199.5700, -48.1020, 28.4411)
contains.

YUV(199.5700, -48.1020, 28.4411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(199.5700, -48.1020,
28.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CA66
RGB	232, 202, 102
RGB Percent	91%, 79%, 40%
CMY	0.0902, 0.2078, 0.6000
CMYK	0.00, 0.13, 0.56, 0.09
HSL	46°, 74%, 65%
HSV	46°, 56%, 91%
XYZ	56.7975, 60.3562, 21.2267
YIQ	199.5700, 49.9800, -24.7400

Conversions

Conversions Part 2

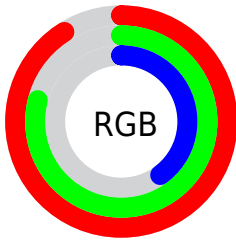
Format	Color
RYB	141, 232, 102
Decimal	15256166
CIELab	82.03, -1.40, 53.05
CIELCh	82, 53.070, 91.514
Yxy	60.3562, 0.4104, 0.4362
Android (android.graphics.Color)	4293446246 (0xFFE8CA66)
YUV	199.5700, -48.1020, 28.4411
Hunter-Lab	77.6892, -5.4573, 38.1829

Details

The YUV color **199.5700, -48.1020, 28.4411** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **134.4300, 48.1020, -28.4411**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.7140, -43.2430, 9.8978**, and **144.6020, -46.6388, 25.7820** is the 20% darker color. If you saturate the color by 10%, you get **194.0130, -56.7014, 33.3146**, and if you desaturate by 10%, it is **205.1270, -39.5026, 23.5676**.

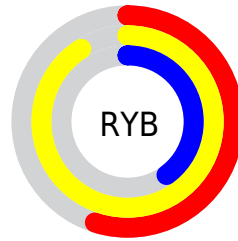
Distribution



Red (91%)

Green (79%)

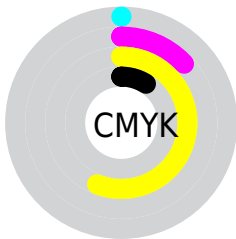
Blue (40%)



Red (55%)

Yellow (91%)

Blue (40%)

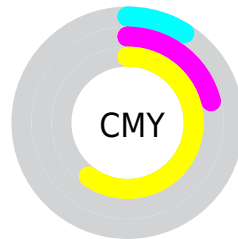


Cyan (0%)

Magenta (13%)

Yellow (56%)

Black (9%)



Cyan (9%)

Magenta (21%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5700, -48.1020, 28.4411 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 199.5700, -48.1020, 28.4411 by changing the saturation by 10% instead.

199.5700,
-48.1020, 28.4411

199.5700,
-48.1020, 28.4411

255.0000, 0.0000,
0.0000

172.0860,
-47.3704, 27.1116

243.7140,
-43.2430, 9.8978

144.6020,
-46.6388, 25.7820

246.7920,
-31.4495, 7.1984

117.9500,
-47.7963, 23.7229

249.9840,
-19.2191, 4.3990

92.8080, -45.7543,
22.0934

253.2900, -6.5520,
1.4997

70.6470, -34.8290,
17.8496

49.6600, -24.4824,
12.5762

29.8580, -14.7200,

8.0175

■ 7.0880, -3.4944,
0.7998

■ 0.0000, 0.0000,
0.0000

■ 199.5700,
-48.1020, 28.4411

■ 199.5700,
-48.1020, 28.4411

■ 194.0130,
-56.7014, 33.3146

■ 205.1270,
-39.5026, 23.5676

■ 187.8690,
-65.0114, 38.7029

■ 211.2710,
-31.1926, 18.1793

■ 182.1980,
-74.0476, 43.6764

■ 216.9420,
-22.1564, 13.2059

■ 176.6410,
-82.6470, 48.5498

■ 222.4990,
-13.5570, 8.3324

■ 173.8540,
-85.7100, 50.9940

■ 228.6430, -5.2470,
2.9441

■ 234.2000, 3.3524,
-1.9294

■ 238.7310, 8.0206,
-5.9031

■ 242.2530, 6.2843,
-8.9919

■ 245.1880, 4.8373,
-11.5659

Harmonies

Analogous

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



197.5910, -39.7314, 50.3477



199.5700, -48.1020, 28.4411



194.1350, -38.5206, -11.5194

Triad

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



199.5700, -48.1020, 28.4411



162.7920, 44.9655, -142.7686



205.9370, 22.7091, 43.0283

Complementary

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



199.5700, -48.1020, 28.4411



134.4300, 48.1020, -28.4411

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.



203.6890, 25.2963, 6.4117



199.5700, -48.1020, 28.4411



159.3840, 47.1387, -139.7798

Square

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



199.5700, -48.1020, 28.4411



158.3800, 22.9837, -138.8993



188.5410, 32.7643, -55.7255



195.0680, 3.9105, 52.5604

Rectangle

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



199.5700, -48.1020, 28.4411



189.0200, -24.1669, -42.1135



188.5410, 32.7643, -55.7255



208.3170, 23.0147, 38.3100

Sweetspot

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



199.5700, -48.1020, 28.4411



244.2280, -15.8884, 9.4470



144.2900, -6.0590, 76.9217



121.5140, -9.6204, 5.6882



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.



199.5700, -48.1020, 28.4411



212.6130, -63.4062, 37.1734



206.7150, -51.6245, -8.5201



111.8710, -4.3734, 2.7441



133.9400, -66.0324, 39.5176



38.1420, -18.8040, 11.2765

Inverse Universe

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



134.4300, 48.1020, -28.4411



126.9740, 63.1168, -37.6882



127.2850, 51.6245, 8.5201



106.1290, 4.3734, -2.7441



44.4730, 66.3218, -39.0028



12.8580, 18.8040, -11.2765

Previews

White Background



This preview shows how the YUV color 199.5700, -48.1020, 28.4411 looks on a white background.

Color Contrast Check

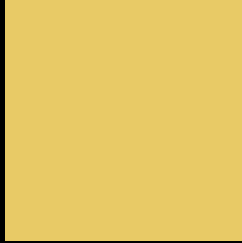
Large Text (above 18pt) WCAG AA × Fail

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 199.5700, -48.1020, 28.4411 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 199.5700, -48.1020, 28.4411

Background



This preview shows how black text looks on a background with the YUV color 199.5700, -48.1020, 28.4411.



This preview shows how white text looks on a background with the YUV color 199.5700, -48.1020, 28.4411.

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

199.5700, -48.1020, 28.4411

Protanopia

199.0640, -47.3596, 23.6229

Deuteranopia

200.7830, -47.7140, 44.0403



Tritanopia

207.5460, -1.2552, 29.3392

Trichromacy



Original Color

199.5700, -48.1020, 28.4411

Protanomaly

199.0750, -47.3650, 25.3672

Deuteranomaly

200.3370, -47.9871, 38.2925

Tritanomaly

204.7790, -18.1320, 29.1348

Monochromacy



Original Color

199.5700, -48.1020, 28.4411

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0710, -17.7830, 10.4617

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5700, -48.1020, 28.4411 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(232, 202, 102)` looks like.

```
.text, #text, p{  
    color:rgb(232, 202, 102)  
}
```

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(232, 202, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 202, 102) }
```

Border

The CSS property to change the border of an element to YUV 199.5700, -48.1020, 28.4411 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(232, 202, 102) }
```


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

```
.border{ border-color:rgb(232, 202, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 202, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 202, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 202, 102);  
box-shadow:4px 4px 4px 4px rgb(232, 202,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 199.5700, -48.1020, 28.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 202, 102) }
```

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

```
.background{ background-color: rgb(232,  
202, 102) }
```

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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