

Converting Colors

YUV(190.6700, 17.4177,
13.4444)

Have a look what the booklet for
YUV(190.6700, 17.4177, 13.4444)
contains.

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Color

**YUV(190.6700, 17.4177,
13.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB0E2
RGB	206, 176, 226
RGB Percent	81%, 69%, 89%
CMY	0.1922, 0.3098, 0.1137
CMYK	0.09, 0.22, 0.00, 0.11
HSL	276°, 46%, 79%
HSV	276°, 22%, 89%
XYZ	54.7064, 49.6635, 78.6542
YIQ	190.6700, 1.8300, 21.9100

Conversions

Conversions Part 2

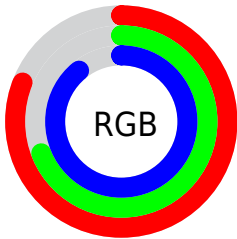
Format	Color
R _Y B	206, 176, 226
Decimal	13545698
CIE _{Lab}	75.86, 19.96, -21.07
CIE _{LCh}	76, 29.020, 313.445
Y _{xy}	49.6635, 0.2989, 0.2713
Android (android.graphics.Color)	4291735778 (0xFFCEB0E2)
YUV	190.6700, 17.4177, 13.4444
Hunter-Lab	70.4723, 15.2398, -16.8430

Details

The YUV color **190.6700, 17.4177, 13.4444** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **211.3300, -17.4177, -13.4444**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **136.8440, 16.8389, 12.4148** is the 20% darker color. If you saturate the color by 10%, you get **174.4780, 25.4003, 19.7518**, and if you desaturate by 10%, it is **206.8620, 9.4350, 7.1370**.

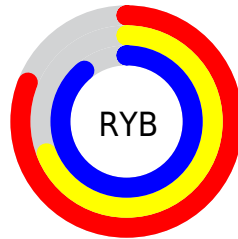
Distribution



Red (81%)

Green (69%)

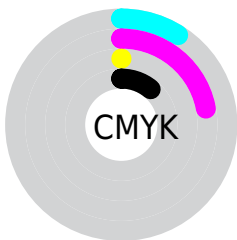
Blue (89%)



Red (81%)

Yellow (69%)

Blue (89%)

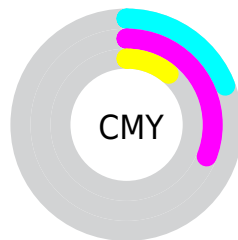


Cyan (9%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (19%)


Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.6700, 17.4177, 13.4444 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 190.6700, 17.4177, 13.4444 by changing the saturation by 10% instead.


 190.6700, 17.4177,
13.4444


 190.6700, 17.4177,
13.4444


255.0000, 0.0000,
0.0000


 163.2570, 17.1283,
12.9296


 241.4990, 6.6560,
11.8404

 136.8440, 16.8389,
12.4148

 111.3170, 16.1127,
12.0000

 86.7900, 15.3865,
11.5852

 62.9640, 14.8077,
10.5556

 41.1380, 14.2290,
9.5260

 19.0240, 13.7922,

9.6260

■ 2.9640, 11.3567,
-2.5994

■ 0.0000, 0.0000,
0.0000

■ 190.6700, 17.4177,
13.4444

■ 190.6700, 17.4177,
13.4444

■ 174.4780, 25.4003,
19.7518

■ 206.8620, 9.4350,
7.1370

■ 158.8730, 33.0936,
25.5444

■ 222.4670, 1.7418,
1.3444

■ 142.6810, 41.0763,
31.8518

■ 238.6590, -6.2409,
-4.9629

■ 127.0760, 48.7695,
37.6443

■ 247.8070,
-10.7509, -5.0927

■ 110.8840, 56.7522,
43.9517

■ 250.4980,
-12.0775, 0.4403

■ 94.6920, 64.7348,
50.2591

■ 251.6940,
-12.6671, 2.8994

■ 79.0870, 72.4281,
56.0517

■ 66.4280, 78.6690,
61.0146

Harmonies

Analogous

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



186.9700, 25.6508, -14.0057



190.6700, 17.4177, 13.4444



191.4140, 5.7119, 34.7169

Triad

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



190.6700, 17.4177, 13.4444



186.9440, -25.1154, 28.9901



174.0360, 11.8143, -56.1596

Complementary

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



190.6700, 17.4177, 13.4444



211.3300, -17.4177, -13.4444

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.



177.2480, -3.0803, -38.8055



190.6700, 17.4177, 13.4444



184.3390, -24.3241, 8.4727

Square

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



190.6700, 17.4177, 13.4444



189.0410, -18.7542, 42.0600



180.8460, -16.6861, -14.7739



175.1140, 23.6078, -58.8590

Rectangle

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



190.6700, 17.4177, 13.4444



190.5800, -2.7509, 42.4643



180.8460, -16.6861, -14.7739



174.8040, 6.9986, -51.5711

Sweetspot

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



190.6700, 17.4177, 13.4444



242.3410, 6.2409, 4.9629



193.4400, 16.0521, -15.2949



120.0480, 3.9203, 2.5889



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.



190.6700, 17.4177, 13.4444



206.1250, 24.0954, 18.3074



196.0800, 12.2856, 26.2398



104.3470, 3.7729, 3.2037



51.7580, 61.2513, 47.5702



14.1430, 16.6915, 13.0296

Inverse Universe

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



193.2300, 1.3656, 28.7393



209.8230, 2.0593, 39.6202



205.9200, -12.2856, -26.2398



104.7450, 0.1257, 6.3626



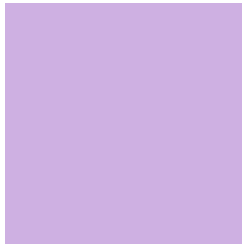
60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 190.6700, 17.4177, 13.4444 looks on a white background.

Color Contrast Check

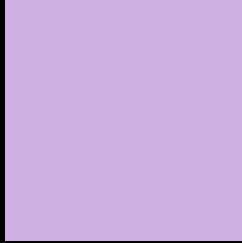
Large Text (above 18pt) WCAG AA × Fail

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 190.6700, 17.4177, 13.4444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

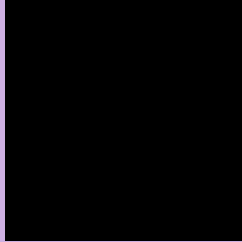
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.6700, 17.4177, 13.4444

Background



This preview shows how black text looks on a background with the YUV color 190.6700, 17.4177, 13.4444.



This preview shows how white text looks on a background with the YUV color 190.6700, 17.4177, 13.4444.

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

190.6700, 17.4177, 13.4444

Protanopia

187.6670, 21.8562, -10.2320

Deuteranopia

188.9840, 17.7559, -1.7400



Tritanopia

188.6900, 3.6038, 10.7959

Trichromacy



Original Color

190.6700, 17.4177, 13.4444

Protanomaly

188.9670, 20.2293, -1.7251

Deuteranomaly

189.3160, 17.5922, 4.1079

Tritanomaly

189.3680, 8.6926, 11.9553

Monochromacy



Original Color

190.6700, 17.4177, 13.4444

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.6700, 17.4177, 13.4444 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(206, 176, 226)` looks like.

```
.text, #text, p{  
    color:rgb(206, 176, 226)  
}
```

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(206, 176, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 226) }
```

Border

The CSS property to change the border of an element to YUV 190.6700, 17.4177, 13.4444 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(206, 176, 226) }
```


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

```
.border{ border-color:rgb(206, 176, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 176, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 176, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 176, 226); box-shadow:4px 4px 4px 4px rgb(206, 176, 226) }
```

Background

The CSS property to change the background color of an element to YUV 190.6700, 17.4177, 13.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 176, 226) }
```

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

```
.background{ background-color: rgb(206,  
176, 226) }
```

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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