

Converting Colors

YUV(189.0570, -6.4371,
11.3510)

Have a look what the booklet for
YUV(189.0570, -6.4371, 11.3510)
contains.

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Color

**YUV(189.0570, -6.4371,
11.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB9B0
RGB	202, 185, 176
RGB Percent	79%, 73%, 69%
CMY	0.2078, 0.2745, 0.3098
CMYK	0.00, 0.08, 0.13, 0.21
HSL	21°, 20%, 74%
HSV	21°, 13%, 79%
XYZ	49.5426, 50.3891, 48.1892
YIQ	189.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

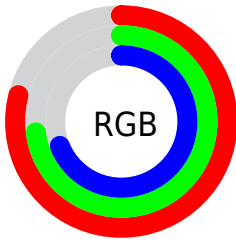
Format	Color
R _Y B	202, 190, 176
Decimal	13285808
CIE Lab	76.31, 4.52, 6.74
CIE LCh	76, 8.110, 56.164
Yxy	50.3891, 0.3345, 0.3402
Android (android.graphics.Color)	4291475888 (0xFFCAB9B0)
YUV	189.0570, -6.4371, 11.3510
Hunter-Lab	70.9853, 0.3558, 9.4400

Details

The YUV color $189.0570, -6.4371, 11.3510$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $188.9430, 6.4371, -11.3510$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1600, -5.9949, 9.5067$, and $135.8720, -5.8529, 10.6363$ is the 20% darker color. If you saturate the color by 10%, you get $179.1460, -11.4110, 20.0430$, and if you desaturate by 10%, it is $198.9680, -1.4632, 2.6591$.

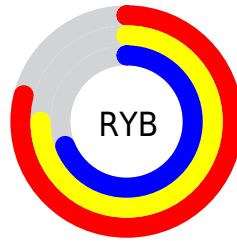
Distribution



Red (79%)

Green (73%)

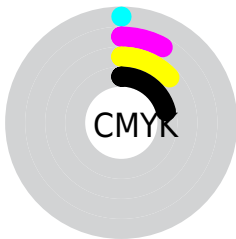
Blue (69%)



Red (79%)

Yellow (75%)

Blue (69%)

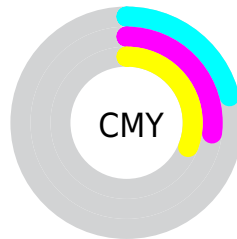


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (21%)



Cyan (21%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0570, -6.4371, 11.3510 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 189.0570, -6.4371, 11.3510 by changing the saturation by 10% instead.

■ 189.0570, -6.4371,
11.3510

■ 189.0570, -6.4371,
11.3510

255.0000, 0.0000,
0.0000

■ 162.0570, -6.4371,
11.3510

■ 244.1600, -5.9949,
9.5067

■ 135.8720, -5.8529,
10.6363

■ 110.5730, -5.7055,
10.0215

■ 86.2740, -5.5581,
9.4067

■ 62.9750, -5.4107,
8.7919

■ 40.7900, -4.8265,
8.0772

■ 19.7470, -6.2843,

8.9919

0.0000, 0.0000,
0.0000

189.0570, -6.4371,
11.3510

189.0570, -6.4371,
11.3510

179.1460,
-11.4110, 20.0430

198.9680, -1.4632,
2.6591

169.2350,
-16.3849, 28.7349

208.8790, 3.5107,
-6.0329

158.6230,
-21.5061, 38.0416

219.4910, 8.6319,
-15.3396

148.7120,
-26.4800, 46.7336

229.1740, 12.7322,
-23.8316

138.8010,
-31.4539, 55.4255

236.8050, 8.9701,
-30.5240

■ 128.8900,
-36.4278, 64.1175

■ 239.1530, 7.8126,
-32.5832

■ 118.9790,
-41.4016, 72.8094

■ 108.3670,
-46.5229, 82.1161

■ 101.4880,
-50.0336, 88.1490

Harmonies

Analogous

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



190.0510, -3.9691, 13.1103



189.0570, -6.4371, 11.3510



188.0950, -7.4418, 6.9327

Triad

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



189.0570, -6.4371, 11.3510



186.0370, 0.4748, -12.3104



189.3080, 6.2572, -0.2701

Complementary

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



189.0570, -6.4371, 11.3510



188.9430, 6.4371, -11.3510

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.



187.9050, 7.4418, -6.9327



189.0570, -6.4371, 11.3510



186.2370, 3.8272, -14.2398

Square

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



189.0570, -6.4371, 11.3510



186.7450, -3.3253, -6.7924



186.6440, 6.5845, -11.9658



189.3690, 3.7621, 6.6924

Rectangle

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



189.0570, -6.4371, 11.3510



187.5890, -6.6994, 2.1144



186.6440, 6.5845, -11.9658



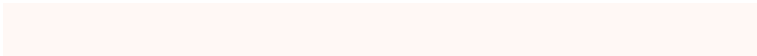
188.4110, 6.6994, -2.1144

Sweetspot

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



189.0570, -6.4371, 11.3510



249.7510, -2.3422, 4.6034



185.7120, 3.5930, 14.2846



124.2670, -1.6106, 3.2738



0.0000, 0.0000, 0.0000



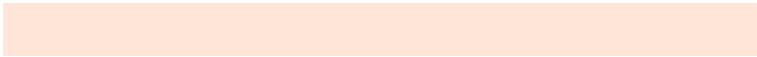
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189.0570, -6.4371, 11.3510



235.9930, -9.3635, 16.6691



196.6880, -10.1992, 4.6586



96.7510, -2.3422, 4.6034



83.0930, -40.9648, 72.7094



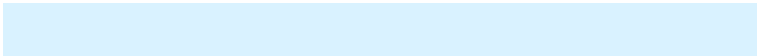
18.9930, -9.3635, 16.6691

Inverse Universe

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



188.9430, 6.4371, -11.3510



236.0070, 9.3635, -16.6691



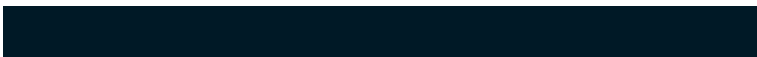
181.3120, 10.1992, -4.6586



96.6620, 2.6316, -4.0886



82.3200, 41.2542, -72.1946



19.0070, 9.3635, -16.6691

Previews

White Background



This preview shows how the YUV color 189.0570, -6.4371, 11.3510 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 189.0570, -6.4371, 11.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

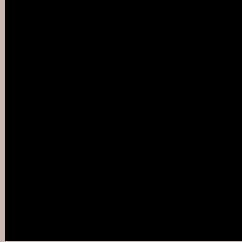
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.0570, -6.4371, 11.3510

Background



This preview shows how black text looks on a background with the YUV color 189.0570, -6.4371, 11.3510.



This preview shows how white text looks on a background with the YUV color 189.0570, -6.4371,

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

189.0570, -6.4371, 11.3510

Protanopia

188.5400, -5.6892, 4.7884

Deuteranopia

190.1010, -6.4588, 18.3284



Tritanopia

190.4730, 2.7248, 12.7402

Trichromacy



Original Color

189.0570, -6.4371, 11.3510

Protanomaly

188.8500, -5.8420, 7.1476

Deuteranomaly

189.7910, -6.3060, 15.9693

Tritanomaly

189.9630, -0.4748, 12.3104

Monochromacy



Original Color

189.0570, -6.4371, 11.3510

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0570, -6.4371, 11.3510 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(202, 185, 176)` looks like.

```
.text, #text, p{  
    color:rgb(202, 185, 176)  
}
```

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(202, 185, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 185, 176) }
```

Border

The CSS property to change the border of an element to YUV 189.0570, -6.4371, 11.3510 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(202, 185, 176) }
```


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

```
.border{ border-color:rgb(202, 185, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 185, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(202, 185,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 189.0570, -6.4371, 11.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 185, 176) }
```

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

```
.background{ background-color: rgb(202,  
185, 176) }
```

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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