

Converting Colors

YUV(189.0970, 6.3612, 13.0699)

Have a look what the booklet for
YUV(189.0970, 6.3612, 13.0699)
contains.

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Color

**YUV(189.0970, 6.3612,
13.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB3CA
RGB	204, 179, 202
RGB Percent	80%, 70%, 79%
CMY	0.2000, 0.2980, 0.2078
CMYK	0.00, 0.12, 0.01, 0.20
HSL	305°, 20%, 75%
HSV	305°, 12%, 80%
XYZ	51.6826, 49.3418, 62.6771
YIQ	189.0970, 7.5170, 12.4530

Conversions

Conversions Part 2

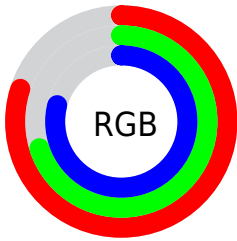
Format	Color
R_{YB}	204, 179, 202
Decimal	13415370
CIE Lab	75.66, 13.00, -8.33
CIE LCh	76, 15.444, 327.353
Yxy	49.3418, 0.3157, 0.3014
Android (android.graphics.Color)	4291605450 (0xFFCCB3CA)
YUV	189.0970, 6.3612, 13.0699
Hunter-Lab	70.2437, 8.4068, -3.7326

Details

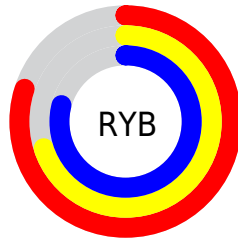
The YUV color **189.0970, 6.3612, 13.0699** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193.9030, -6.3612, -13.0699**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **135.6840, 6.0718, 12.5551** is the 20% darker color. If you saturate the color by 10%, you get **177.1290, 11.2754, 23.5659**, and if you desaturate by 10%, it is **201.0650, 1.4470, 2.5740**.

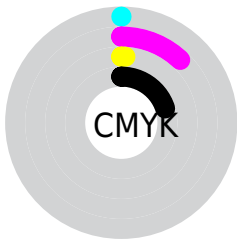
Distribution



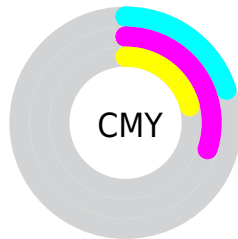
- Red (80%)
- Green (70%)
- Blue (79%)



- Red (80%)
- Yellow (70%)
- Blue (79%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (20%)




- Cyan (20%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.0970, 6.3612, 13.0699 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 189.0970, 6.3612, 13.0699 by changing the saturation by 10% instead.


 189.0970, 6.3612,
13.0699


 189.0970, 6.3612,
13.0699

255.0000, 0.0000,
0.0000

 161.7980, 6.5086,
12.4552


 243.2600, 5.7878,
10.2960

 135.6840, 6.0718,
12.5551

 110.2710, 5.7824,
12.0403

 85.8580, 5.4930,
11.5255

 62.5590, 5.6404,
10.9108

 40.7330, 5.0616,
9.8812

 19.1460, 5.3510,

10.3960

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 189.0970, 6.3612,
13.0699

■ 189.0970, 6.3612,
13.0699

■ 177.1290, 11.2754,
23.5659

■ 201.0650, 1.4470,
2.5740

■ 164.6880, 16.9158,
34.4766

■ 213.5060, -4.1935,
-8.3368

■ 152.7200, 21.8300,
44.9726

■ 225.4740, -9.1077,
-18.8327

■ 140.1650, 27.0337,
55.9833

■ 234.5070,
-12.5750, -26.7546

128.3110, 32.3847,
66.3793

234.6210,
-12.1382, -26.8546

116.3430, 37.2989,
76.8752

234.8490,
-11.2646, -27.0546

103.9020, 42.9393,
87.7859

234.9630,
-10.8278, -27.1546

91.9340, 47.8535,
98.2819

235.1910, -9.9542,
-27.3545

82.4280, 52.0470,
106.6186

235.4190, -9.0806,
-27.5545

Harmonies

Analogous

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



187.8010, 11.9301, 0.1745



189.0970, 6.3612, 13.0699



189.3170, -0.6493, 21.6470

Triad

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



189.0970, 6.3612, 13.0699



186.1080, -13.8572, 11.3063



181.4140, 8.6699, -27.5501

Complementary

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



189.0970, 6.3612, 13.0699



193.9030, -6.3612, -13.0699

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.



181.9000, 1.5283, -23.5913



189.0970, 6.3612, 13.0699



184.9000, -11.7827, -0.7893

Square

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



189.0970, 6.3612, 13.0699



187.3310, -11.9952, 20.7577



182.7180, -5.7770, -13.7847



182.9890, 13.3164, -24.5464

Rectangle

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



189.0970, 6.3612, 13.0699



189.1880, -5.0227, 24.3911



182.7180, -5.7770, -13.7847



181.4310, 6.1965, -27.5650

Sweetspot

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



189.0970, 6.3612, 13.0699



249.0160, 2.4571, 5.2480



182.4480, 10.6251, -1.2699



123.7770, 1.5889, 3.7036



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.



189.0970, 6.3612, 13.0699



232.3520, 9.6865, 19.8623



187.7290, 1.1196, 14.2697



96.0160, 2.4571, 5.2480



66.9620, 41.9237, 86.8563



15.3520, 9.6865, 19.8623

Inverse Universe

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



189.0970, 6.3612, 13.0699



232.3520, 9.6865, 19.8623



195.2710, -1.1196, -14.2697



96.0160, 2.4571, 5.2480



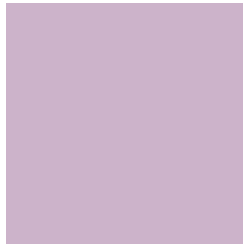
66.9620, 41.9237, 86.8563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 189.0970, 6.3612, 13.0699 looks on a white background.

Color Contrast Check

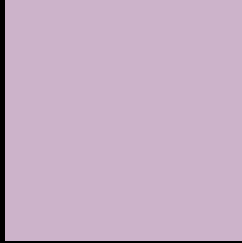
Large Text (above 18pt) WCAG AA × Fail

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 189.0970, 6.3612, 13.0699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

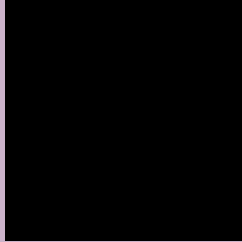
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.0970, 6.3612, 13.0699

Background



This preview shows how black text looks on a background with the YUV color 189.0970, 6.3612, 13.0699.



This preview shows how white text looks on a background with the YUV color 189.0970, 6.3612,

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

189.0970, 6.3612, 13.0699

Protanopia

187.0950, 9.3202, -2.7143

Deuteranopia

188.4770, 6.6668, 8.3517



Tritanopia

188.4730, 2.7248, 12.7402

Trichromacy



Original Color

189.0970, 6.3612, 13.0699

Protanomaly

187.9000, 8.4303, 2.7187

Deuteranomaly

188.4880, 6.6614, 10.0960

Tritanomaly

188.8150, 4.0352, 12.4402

Monochromacy



Original Color

189.0970, 6.3612, 13.0699

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.7170, 2.6045, 4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0970, 6.3612, 13.0699 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(204, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 202)  
}
```

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(204, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 202) }
```

Border

The CSS property to change the border of an element to YUV 189.0970, 6.3612, 13.0699 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(204, 179, 202) }
```


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

```
.border{ border-color:rgb(204, 179, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 189.0970, 6.3612, 13.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 179, 202) }
```

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

```
.background{ background-color: rgb(204,  
179, 202) }
```

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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