

# Converting Colors

YUV(173.5570, 12.0504, 8.2815)

Have a look what the booklet for  
YUV(173.5570, 12.0504, 8.2815)  
contains.

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# Color

**YUV(173.5570, 12.0504,  
8.2815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7A4C6
RGB	183, 164, 198
RGB Percent	72%, 64%, 78%
CMY	0.2824, 0.3569, 0.2235
CMYK	0.08, 0.17, 0.00, 0.22
HSL	274°, 23%, 71%
HSV	274°, 17%, 78%
XYZ	42.9969, 40.6954, 59.0149
YIQ	173.5570, 0.4100, 14.6020

# Conversions

## Conversions Part 2

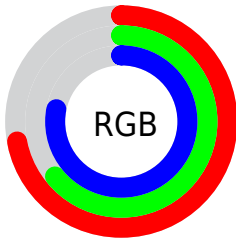
Format	Color
R <sub>YB</sub>	183, 164, 198
Decimal	12035270
CIE <sub>Lab</sub>	69.96, 13.30, -14.86
CIE <sub>LCh</sub>	70, 19.941, 311.841
Yxy	40.6954, 0.3013, 0.2852
Android (android.graphics.Color)	4290225350 (0xFFB7A4C6)
YUV	173.5570, 12.0504, 8.2815
Hunter-Lab	63.7930, 8.6727, -10.1941

# Details

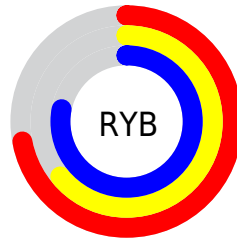
The YUV color **173.5570, 12.0504, 8.2815** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **188.4430, -12.0504, -8.2815**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0840, 12.7766, 8.6963**, and **121.0300, 11.3242, 7.8667** is the 20% darker color. If you saturate the color by 10%, you get **159.1260, 19.1649, 13.0445**, and if you desaturate by 10%, it is **187.9880, 4.9359, 3.5185**.

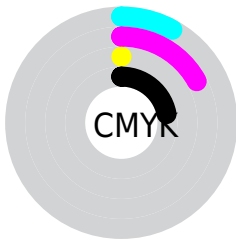
# Distribution



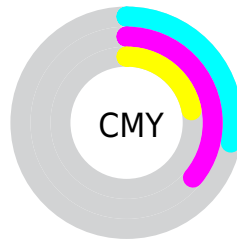
- Red (72%)
- Green (64%)
- Blue (78%)



- Red (72%)
- Yellow (64%)
- Blue (78%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (36%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.5570, 12.0504, 8.2815 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 173.5570, 12.0504, 8.2815 by changing the saturation by 10% instead.



■ 173.5570, 12.0504,  
8.2815

■ 173.5570, 12.0504,  
8.2815

■ 255.0000, 0.0000,  
0.0000

■ 147.1440, 11.7610,  
7.7667

■ 229.0840, 12.7766,  
8.6963

■ 121.0300, 11.3242,  
7.8667

■ 250.8910, 2.0257,  
3.6036

■ 96.5030, 10.5980,  
7.4519

■ 72.2040, 10.7454,  
6.8371

■ 49.6770, 10.0192,  
6.4223

■ 28.8510, 9.4405,  
5.3927

■ 7.8620, 9.4350,

7.1370

■ 0.0000, 0.0000,  
0.0000

■ 173.5570, 12.0504,  
8.2815

■ 173.5570, 12.0504,  
8.2815

■ 159.1260, 19.1649,  
13.0445

■ 187.9880, 4.9359,  
3.5185

■ 144.9940, 26.1320,  
18.4223

■ 202.1200, -2.0312,  
-1.8592

■ 131.1500, 32.9570,  
22.6704

■ 215.9640, -8.8563,  
-6.1074

■ 116.7190, 40.0715,  
27.4334

■ 230.3950,  
-15.9707, -10.8704

■ 102.2880, 47.1860,  
32.1964

■ 240.1300,  
-20.7701, -11.5150

■ 88.1560, 54.1531,  
37.5742

■ 242.5220,  
-21.9493, -6.5968

■ 73.7250, 61.2676,  
42.3372

■ 245.2130,  
-23.2760, -1.0638

■ 59.8810, 68.0927,  
46.5854

■ 247.9040,  
-24.6027, 4.4692

■ 55.7610, 70.1238,  
48.4446

■ 248.5020,  
-24.8975, 5.6987

# Harmonies

## Analogous

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



171.1140, 17.1988, -9.7470



173.5570, 12.0504, 8.2815



173.9950, 4.4395, 22.8064

# Triad

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



173.5570, 12.0504, 8.2815



171.3650, -16.9419, 20.7279



163.6150, 7.0918, -34.7424

# Complementary

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



173.5570, 12.0504, 8.2815



188.4430, -12.0504, -8.2815

# 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.



165.3360, -3.1236, -24.8507



173.5570, 12.0504, 8.2815



169.3910, -16.4618, 6.6731

# Square

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



173.5570, 12.0504, 8.2815



172.9730, -12.3117, 28.9647



167.2580, -11.4662, -8.9963



164.5530, 14.5174, -36.4420



# Rectangle

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



173.5570, 12.0504, 8.2815



174.0190, -1.9814, 28.9243



167.2580, -11.4662, -8.9963



163.7140, 3.5920, -32.1982

# Sweetspot

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



173.5570, 12.0504, 8.2815



245.5750, 4.6465, 3.0037



176.6810, 10.5103, -11.1212



122.1080, 2.9048, 1.6593



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.



173.5570, 12.0504, 8.2815



216.1260, 19.1649, 13.0445



177.8140, 8.9657, 17.7031



92.5210, 3.1941, 2.1741



45.7910, 57.7840, 39.6483



10.0840, 12.7766, 8.6963



# Inverse Universe

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



175.8760, 1.5401, 19.4027



219.8820, 2.5232, 30.7985



184.1860, -8.9657, -17.7031



93.1470, 0.4205, 5.1331



56.9450, 7.4221, 93.0102

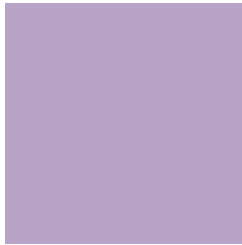


12.5880, 1.6821, 20.5323



# Previews

## White Background



This preview shows how the YUV color 173.5570, 12.0504, 8.2815 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

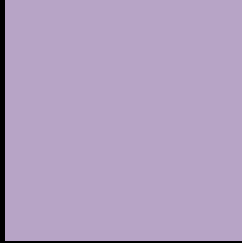
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.5570, 12.0504, 8.2815 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

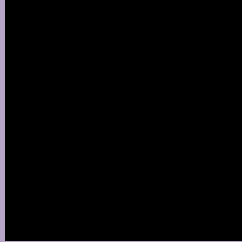
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 173.5570, 12.0504, 8.2815

## Background



This preview shows how black text looks on a background with the YUV color 173.5570, 12.0504, 8.2815.



This preview shows how white text looks on a background with the YUV color 173.5570, 12.0504, 8.2815.



# 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

173.5570, 12.0504, 8.2815

### Protanopia

172.1530, 14.7146, -6.2732

### Deuteranopia

172.8120, 11.9247, 1.9189



## Tritanopia

172.3690, 3.7621, 6.6924

# Trichromacy



## Original Color

173.5570, 12.0504, 8.2815

## Protanomaly

172.9580, 13.8247, -0.8402

## Deuteranomaly

173.1220, 11.7719, 4.2780

## Tritanomaly

172.8790, 6.9617, 7.1221

# Monochromacy



## Original Color

173.5570, 12.0504, 8.2815

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

173.5750, 4.6465, 3.0037

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.5570, 12.0504, 8.2815 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(183, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 164, 198)  
}
```

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(183, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 164, 198) }
```

## Border

The CSS property to change the border of an element to YUV 173.5570, 12.0504, 8.2815 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(183, 164, 198) }
```



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

```
.border{ border-color:rgb(183, 164, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(183, 164,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 173.5570, 12.0504, 8.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 164, 198) }
```

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

```
.background{ background-color: rgb(183,  
164, 198) }
```

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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