

# Converting Colors

YUV(180.6530, -0.3219, 9.9513)

Have a look what the booklet for  
YUV(180.6530, -0.3219, 9.9513)  
contains.

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# Color

**YUV(180.6530, -0.3219,  
9.9513)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0AFB4
RGB	192, 175, 180
RGB Percent	75%, 69%, 71%
CMY	0.2471, 0.3137, 0.2941
CMYK	0.00, 0.09, 0.06, 0.25
HSL	342°, 12%, 72%
HSV	342°, 9%, 75%
XYZ	45.3064, 45.1617, 49.5092
YIQ	180.6530, 8.5270, 5.1590

# Conversions

## Conversions Part 2

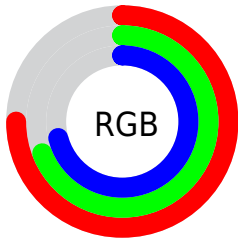
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 175, 180
Decimal	12627892
CIELab	73.00, 6.97, -0.35
CIElCh	73, 6.976, 357.137
Yxy	45.1617, 0.3237, 0.3226
Android (android.graphics.Color)	4290817972 (0xFFC0AFB4)
YUV	180.6530, -0.3219, 9.9513
Hunter-Lab	67.2025, 2.7365, 3.3618

# Details

The YUV color **180.6530, -0.3219, 9.9513** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **186.3470, 0.3219, -9.9513**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6530, -0.3219, 9.9513**, and **127.9410, -0.4639, 8.8217** is the 20% darker color. If you saturate the color by 10%, you get **167.9040, -0.9387, 21.1322**, and if you desaturate by 10%, it is **193.4020, 0.2948, -1.2296**.

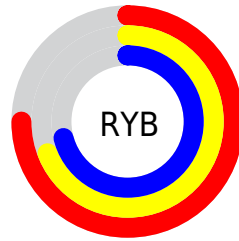
# Distribution



Red (75%)

Green (69%)

Blue (71%)



Red (75%)

Yellow (69%)

Blue (71%)

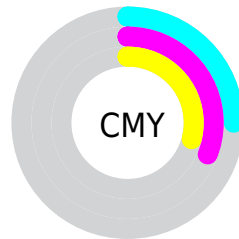


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (31%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 180.6530, -0.3219, 9.9513 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 180.6530, -0.3219, 9.9513 by changing the saturation by 10% instead.




 180.6530, -0.3219,  
9.9513


 180.6530, -0.3219,  
9.9513


255.0000, 0.0000,  
0.0000


 153.6530, -0.3219,  
9.9513


 236.6530, -0.3219,  
9.9513

 127.9410, -0.4639,  
8.8217

 102.9410, -0.4639,  
8.8217

 78.6420, -0.3165,  
8.2070

 55.7560, 0.1203,  
8.1070

 34.3430, -0.1691,  
7.5922

 11.7670, 0.1149,

9.8513

0.0000, 0.0000,  
0.0000

180.6530, -0.3219,  
9.9513

180.6530, -0.3219,  
9.9513

167.9040, -0.9387,  
21.1322

193.4020, 0.2948,  
-1.2296

155.2690, -1.1186,  
32.2131

206.0370, 0.4748,  
-12.3104

141.9330, -1.4460,  
43.9088

219.3730, 0.8021,  
-24.0061

129.2980, -1.6259,  
54.9897

232.0080, 0.9821,  
-35.0870

116.5490, -2.2427,  
66.1705

235.3650, 6.2291,  
-38.0311

■ 103.9140, -2.4226,  
77.2514

■ 236.1630, 9.2866,  
-38.7310

■ 91.1650, -3.0393,  
88.4323

■ 77.9430, -2.9299,  
100.0280

■ 65.1940, -3.5466,  
111.2089

# Harmonies

## Analogous

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



180.4290, 2.7465, 5.7628



180.6530, -0.3219, 9.9513



180.2680, -3.0901, 11.1660

# Triad

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



180.6530, -0.3219, 9.9513



178.6210, -5.2362, -0.5446



178.1280, 5.8529, -10.6363

# Complementary

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



180.6530, -0.3219, 9.9513



186.3470, 0.3219, -9.9513

# 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.



177.5470, 3.6743, -11.8807



180.6530, -0.3219, 9.9513



177.5710, -2.7465, -5.7628

# Square

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



180.6530, -0.3219, 9.9513



178.8390, -5.8366, 5.4032



177.3470, 0.3219, -9.9513



178.9760, 6.4208, -6.1180



# Rectangle

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



180.6530, -0.3219, 9.9513



180.1000, -4.9793, 10.4363



177.3470, 0.3219, -9.9513



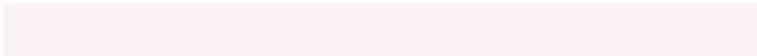
177.6010, 5.1267, -11.0511

# Sweetspot

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



180.6530, -0.3219, 9.9513



244.7340, 0.1311, 4.6183



180.5260, 5.6567, 5.6777



121.6090, -0.3002, 2.9739



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



180.6530, -0.3219, 9.9513



231.2840, -0.6330, 16.4139



181.8440, -3.3741, 8.9068



90.3320, -0.1637, 5.8478



53.4970, -3.2030, 94.2801



11.0070, -0.4965, 19.2879



# Inverse Universe

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



180.6530, -0.3219, 9.9513



231.2840, -0.6330, 16.4139



185.1560, 3.3741, -8.9068



90.3320, -0.1637, 5.8478



53.4970, -3.2030, 94.2801



11.0070, -0.4965, 19.2879



# Previews

## White Background



This preview shows how the YUV color 180.6530, -0.3219, 9.9513 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

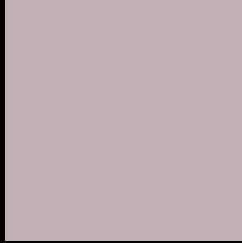
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.6530, -0.3219, 9.9513 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 180.6530, -0.3219, 9.9513

## Background



This preview shows how black text looks on a background with the YUV color 180.6530, -0.3219, 9.9513.



This preview shows how white text looks on a background with the YUV color 180.6530, -0.3219, 9.9513.



# 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

180.6530, -0.3219, 9.9513

### Protanopia

179.6520, 1.1576, 2.0592

### Deuteranopia

181.2620, -0.6222, 12.9252



## Tritanopia

181.1630, 2.8776, 10.3810

# Trichromacy



## Original Color

180.6530, -0.3219, 9.9513

## Protanomaly

180.1470, 0.4205, 5.1331

## Deuteranomaly

180.9630, -0.4748, 12.3104

## Tritanomaly

180.8210, 1.5672, 10.6810

# Monochromacy



## Original Color

180.6530, -0.3219, 9.9513

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

181.0220, -0.0108, 3.4887

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.6530, -0.3219, 9.9513 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(192, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 180)  
}
```

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(192, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 180) }
```

## Border

The CSS property to change the border of an element to YUV 180.6530, -0.3219, 9.9513 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(192, 175, 180) }
```



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

```
.border{ border-color:rgb(192, 175, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 180.6530, -0.3219, 9.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 180) }
```

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

```
.background{ background-color: rgb(192,  
175, 180) }
```

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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