

Converting Colors

YUV(180.1560, 10.2761,
17.4032)

Have a look what the booklet for
YUV(180.1560, 10.2761, 17.4032)
contains.

YUV(180.1560, 10.2761, 17.4032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.1560, 10.2761,
17.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A6C9
RGB	200, 166, 201
RGB Percent	78%, 65%, 79%
CMY	0.2157, 0.3490, 0.2118
CMYK	0.00, 0.17, 0.00, 0.21
HSL	298°, 24%, 72%
HSV	298°, 17%, 79%
XYZ	47.9983, 43.7688, 61.1768
YIQ	180.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

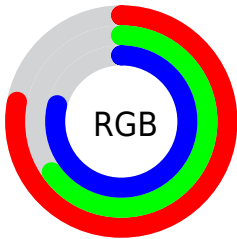
Format	Color
R_{YB}	200, 166, 201
Decimal	13149897
CIE _{Lab}	72.07, 18.54, -13.18
CIE _{LCh}	72, 22.748, 324.585
Yxy	43.7688, 0.3138, 0.2862
Android (android.graphics.Color)	4291339977 (0xFFC8A6C9)
YUV	180.1560, 10.2761, 17.4032
Hunter-Lab	66.1580, 13.7268, -8.5153

Details

The YUV color **180.1560, 10.2761, 17.4032** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.8440, -10.2761, -17.4032**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0420, 9.8393, 17.5032**, and **127.3300, 9.6973, 16.3736** is the 20% darker color. If you saturate the color by 10%, you get **168.1170, 16.2113, 27.0844**, and if you desaturate by 10%, it is **192.1950, 4.3409, 7.7220**.

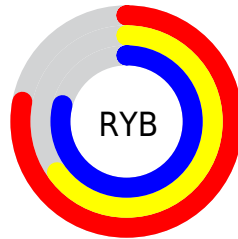
Distribution



Red (78%)

Green (65%)

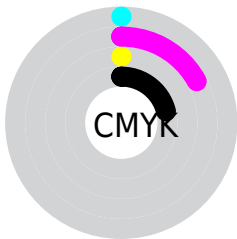
Blue (79%)



Red (78%)

Yellow (65%)

Blue (79%)

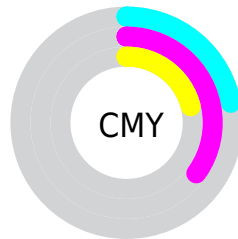


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (22%)


Magenta (35%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1560, 10.2761, 17.4032 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 180.1560, 10.2761, 17.4032 by changing the saturation by 10% instead.

 180.1560, 10.2761,
17.4032

 180.1560, 10.2761,
17.4032


255.0000, 0.0000,
0.0000


 153.7430, 9.9867,
16.8884

 235.0420, 9.8393,
17.5032


 127.3300, 9.6973,
16.3736

 252.0650, 1.4470,
2.5740

 101.9170, 9.4079,
15.8588

 78.0910, 8.8291,
14.8292

 54.7920, 8.9765,
14.2144

 32.9660, 8.3978,
13.1848

 11.9770, 8.3923,

14.9292

0.0000, 0.0000,
0.0000

180.1560, 10.2761,
17.4032

180.1560, 10.2761,
17.4032

168.1170, 16.2113,
27.0844

192.1950, 4.3409,
7.7220

156.3770, 21.9991,
37.3804

203.9350, -1.4470,
-2.5740

144.3380, 27.9344,
47.0616

215.9740, -7.3822,
-12.2552

132.5980, 33.7222,
57.3576

227.7140,
-13.1700, -22.5512

120.5590, 39.6574,
67.0388

233.2960,
-15.9219, -26.5696

■ 108.2320, 45.7346,
77.8495

■ 233.5950,
-16.0693, -25.9548

■ 96.1930, 51.6699,
87.5307

■ 233.8940,
-16.2167, -25.3400

■ 84.1540, 57.6051,
97.2119

■ 81.2190, 59.0520,
99.7859

Harmonies

Analogous

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



178.2720, 17.6139, -2.8695



180.1560, 10.2761, 17.4032



180.3120, 0.3392, 31.2984

Triad

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



180.1560, 10.2761, 17.4032



176.2460, -19.8413, 17.3243



167.6400, 12.5025, -43.5343

Complementary

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



180.1560, 10.2761, 17.4032



186.8440, -10.2761, -17.4032

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.



168.5350, 1.7082, -34.6722



180.1560, 10.2761, 17.4032



174.1190, -17.3137, -0.1044

Square

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



180.1560, 10.2761, 17.4032



177.8330, -16.6797, 29.9645



171.3600, -9.5445, -18.7327



169.9100, 19.7644, -39.3861

Rectangle

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



180.1560, 10.2761, 17.4032



179.6130, -6.2182, 34.5424



171.3600, -9.5445, -18.7327



168.0270, 8.8607, -42.1197

Sweetspot

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



180.1560, 10.2761, 17.4032



247.3690, 3.7621, 6.6924



170.5770, 14.9985, -4.0140



123.0050, 2.4625, 3.5036



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.



180.1560, 10.2761, 17.4032



222.7040, 15.9219, 26.5696



178.6310, 3.1399, 19.6176



93.7170, 2.6045, 4.6332



66.1230, 47.7604, 81.4531



14.5690, 10.5655, 17.9180

Inverse Universe

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



176.5790, -4.7224, 21.4172



217.3740, -7.0864, 32.9980



188.3690, -3.1399, -19.6176



92.6910, -1.3267, 5.5330



49.3070, -21.8434, 99.7088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 180.1560, 10.2761, 17.4032 looks on a white background.

Color Contrast Check

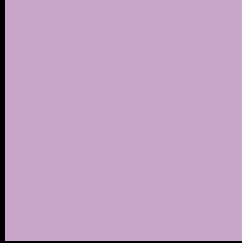
Large Text (above 18pt) WCAG AA × Fail

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 180.1560, 10.2761, 17.4032 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 180.1560, 10.2761, 17.4032 Background



This preview shows how black text looks on a background with the YUV color 180.1560, 10.2761, 17.4032.



This preview shows how white text looks on a background with the YUV color 180.1560, 10.2761, 17.4032.

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

180.1560, 10.2761, 17.4032

Protanopia

177.4520, 14.5672, -5.6584

Deuteranopia

178.4810, 10.6089, 3.9632



Tritanopia

178.8540, 1.5510, 15.9140

Trichromacy



Original Color

180.1560, 10.2761, 17.4032

Protanomaly

178.7520, 12.9403, 2.8485

Deuteranomaly

179.1010, 10.3032, 8.6814

Tritanomaly

179.3640, 4.7505, 16.3438

Monochromacy



Original Color

180.1560, 10.2761, 17.4032

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1560, 10.2761, 17.4032 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(200, 166, 201)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 201)  
}
```

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(200, 166, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 201) }
```

Border

The CSS property to change the border of an element to YUV 180.1560, 10.2761, 17.4032 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(200, 166, 201) }
```


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

```
.border{ border-color:rgb(200, 166, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 166, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 180.1560, 10.2761, 17.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 201) }
```

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

```
.background{ background-color: rgb(200,  
166, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor