

# Converting Colors

YUV(170.5680, 12.0450,  
10.0259)

Have a look what the booklet for  
YUV(170.5680, 12.0450, 10.0259)  
contains.

**YUV(170.5680, 12.0450, 10.0259) ..... 3**

***Conversions* ..... 4**

***Details* ..... 6**

***Harmonies* ..... 12**

***Previews* ..... 24**

***Color Blindness Simulation* ..... 28**

***CSS Examples* ..... 31**

# Color

**YUV(170.5680, 12.0450,  
10.0259)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B6A0C3
RGB	182, 160, 195
RGB Percent	71%, 63%, 76%
CMY	0.2863, 0.3725, 0.2353
CMYK	0.07, 0.18, 0.00, 0.24
HSL	278°, 23%, 70%
HSV	278°, 18%, 76%
XYZ	41.7125, 39.0268, 56.9642
YIQ	170.5680, 1.8770, 15.5490

# Conversions

## Conversions Part 2

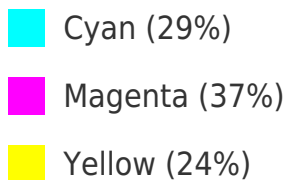
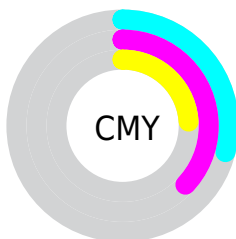
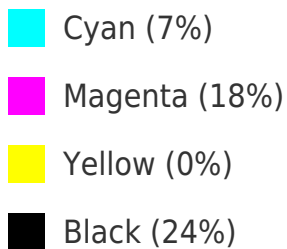
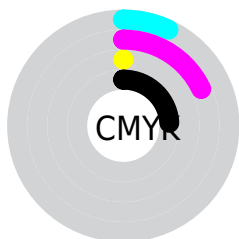
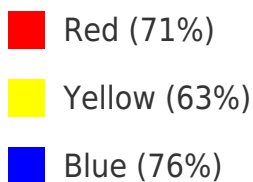
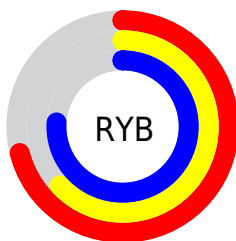
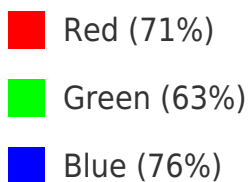
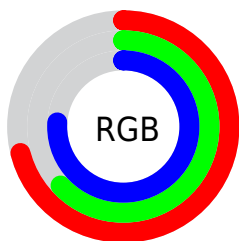
Format	Color
<a href="#">RYB</a>	<a href="#">182, 160, 195</a>
Decimal	<a href="#">11968707</a>
CIELab	<a href="#">68.77, 14.58, -15.00</a>
CIELCh	<a href="#">69, 20.915, 314.182</a>
Yxy	<a href="#">39.0268, 0.3029, 0.2834</a>
Android (android.graphics.Color)	<a href="#">4290158787</a> (0xFFB6A0C3)
YUV	<a href="#">170.5680, 12.0450, 10.0259</a>
Hunter-Lab	<a href="#">62.4715, 9.8604, -10.3332</a>

# Details

The YUV color **170.5680, 12.0450, 10.0259** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **184.4320, -12.0450, -10.0259**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0950, 12.7712, 10.4407**, and **118.0410, 11.3188, 9.6110** is the 20% darker color. If you saturate the color by 10%, you get **157.3220, 18.5753, 15.5036**, and if you desaturate by 10%, it is **184.4010, 5.2253, 4.0333**.

# Distribution




# Brightness & Saturation


## Gradients

These gradients show how the YUV color 170.5680, 12.0450, 10.0259 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 170.5680, 12.0450, 10.0259 by changing the saturation by 10% instead.





 170.5680, 12.0450,  
10.0259


 170.5680, 12.0450,  
10.0259


255.0000, 0.0000,  
0.0000


 144.1550, 11.7556,  
9.5111


 226.0950, 12.7712,  
10.4407


 118.0410, 11.3188,  
9.6110

 247.9560, 3.4727,  
6.1776

 93.6280, 11.0294,  
9.0962

 69.8020, 10.4506,  
8.0666

 47.2750, 9.7244,  
7.6518

 25.8620, 9.4350,  
7.1370

 5.5410, 9.5933,

3.0335

0.0000, 0.0000,  
0.0000

170.5680, 12.0450,  
10.0259

170.5680, 12.0450,  
10.0259

157.3220, 18.5753,  
15.5036

184.4010, 5.2253,  
4.0333

143.4890, 25.3949,  
21.4961

197.6470, -1.3050,  
-1.4444

129.9440, 32.0726,  
26.3591

211.7790, -8.2720,  
-6.8222

116.1110, 38.8923,  
32.3517

225.0250,  
-14.8023, -12.2999

102.8650, 45.4226,  
37.8294

237.0970,  
-20.7538, -16.7481

■ 89.0320, 52.2422,  
43.8219

■ 239.1900,  
-21.7857, -12.4446

■ 75.4870, 58.9199,  
48.6849

■ 241.5820,  
-22.9649, -7.5264

■ 61.6540, 65.7396,  
54.6774

■ 243.6750,  
-23.9968, -3.2230

■ 59.0070, 67.0445,  
56.1219

■ 245.7680,  
-25.0286, 1.0805

# Harmonies

## Analogous

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



167.9400, 17.7776, -8.7174



170.5680, 12.0450, 10.0259



170.8920, 3.9972, 24.6507

# Triad

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



170.5680, 12.0450, 10.0259



167.8380, -17.6681, 20.3131



160.1200, 7.8288, -37.8162

# Complementary

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



170.5680, 12.0450, 10.0259



184.4320, -12.0450, -10.0259

# 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.



161.5530, -2.2446, -26.7950



170.5680, 12.0450, 10.0259



165.8640, -17.1880, 6.2583

# Square

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



170.5680, 12.0450, 10.0259



169.3430, -13.4801, 30.3942



163.8340, -11.7502, -11.2554



160.8840, 15.8332, -38.4863



# Rectangle

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



170.5680, 12.0450, 10.0259



170.9160, -2.4236, 30.7687



163.8340, -11.7502, -11.2554



160.3330, 4.7658, -35.3720

# Sweetspot

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



170.5680, 12.0450, 10.0259



243.7600, 4.0623, 3.7185



171.6210, 11.5258, -10.1916



122.4070, 2.7573, 2.2741



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.



170.5680, 12.0450, 10.0259



213.7350, 18.8646, 16.0184



173.9990, 8.3815, 18.4179



89.9340, 3.4835, 2.6889



48.5530, 55.4364, 45.9960



10.0410, 11.3188, 9.6110



# Inverse Universe

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



171.9470, 0.5191, 20.2175



215.8390, 1.0654, 31.7132



181.0010, -8.3815, -18.4179



90.4460, 0.2731, 5.7479



54.9790, 2.4754, 92.9804

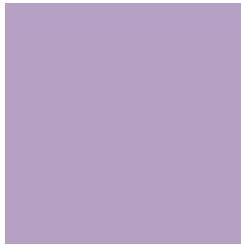


11.2350, 0.3771, 19.0879



# Previews

## White Background



This preview shows how the YUV color 170.5680, 12.0450, 10.0259 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

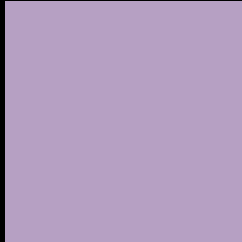
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 170.5680, 12.0450, 10.0259 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

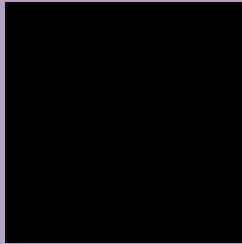
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 170.5680, 12.0450, 10.0259

## Background



This preview shows how black text looks on a background with the YUV color 170.5680, 12.0450, 10.0259.



This preview shows how white text looks on a background with the YUV color 170.5680, 12.0450,



# 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

170.5680, 12.0450, 10.0259

### Protanopia

168.2670, 15.1514, -6.3732

### Deuteranopia

169.8120, 11.9247, 1.9189



## Tritanopia

169.2660, 3.3199, 8.5367

# Trichromacy

	<b>Original Color</b> 170.5680, 12.0450, 10.0259
	<b>Protanomaly</b> 169.3710, 14.1141, -0.3254
	<b>Deuteranomaly</b> 170.4210, 11.6244, 4.8928
	<b>Tritanomaly</b> 169.7760, 6.5194, 8.9664

# Monochromacy

	<b>Original Color</b> 170.5680, 12.0450, 10.0259
	<b>Achromatopsia</b> 171.0000, 0.0000, 0.0000
	<b>Achromatomaly</b> 170.8740, 4.4991, 3.6185

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.5680, 12.0450, 10.0259 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(182, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 160, 195)  
}
```

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(182, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 160, 195) }
```

## Border

The CSS property to change the border of an element to YUV 170.5680, 12.0450, 10.0259 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(182, 160, 195) }
```



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

```
.border{ border-color:rgb(182, 160, 195) }
```

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

Here you see how a box with a 4 pixel rgb(182, 160, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 160,  
195) }
```

# Background

The CSS property to change the background color of an element to YUV 170.5680, 12.0450, 10.0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 160, 195) }
```

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

```
.background{ background-color: rgb(182,  
160, 195) }
```

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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