

Converting Colors

YUV(180.3690, 3.7621, 6.6924)

Have a look what the booklet for
YUV(180.3690, 3.7621, 6.6924)
contains.

YUV(180.3690, 3.7621, 6.6924)	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(180.3690, 3.7621,
6.6924)**

Conversions

Conversions Part 1	
Format	Color
Hex	BCAFBC
RGB	188, 175, 188
RGB Percent	74%, 69%, 74%
CMY	0.2627, 0.3137, 0.2627
CMYK	0.00, 0.07, 0.00, 0.26
HSL	300°, 9%, 71%
HSV	300°, 7%, 74%
XYZ	45.1461, 44.9822, 53.8799
YIQ	180.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

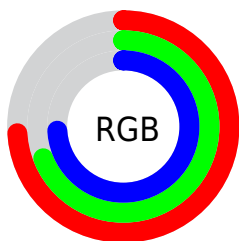
Format	Color
RYB	188, 175, 188
Decimal	12365756
CIELab	72.88, 7.02, -4.95
CIELCh	73, 8.586, 324.788
Yxy	44.9822, 0.3135, 0.3124
Android (android.graphics.Color)	4290555836 (0xFFBCAFBC)
YUV	180.3690, 3.7621, 6.6924
Hunter-Lab	67.0687, 2.7838, -0.6827

Details

The YUV color **180.3690, 3.7621, 6.6924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **182.6310, -3.7621, -6.6924**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3690, 3.7621, 6.6924**, and **127.9560, 3.4727, 6.1776** is the 20% darker color. If you saturate the color by 10%, you get **169.2160, 9.2605, 16.4736**, and if you desaturate by 10%, it is **191.5220, -1.7363, -3.0888**.

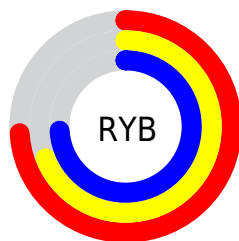
Distribution



Red (74%)

Green (69%)

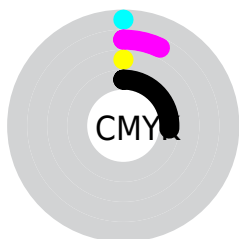
Blue (74%)



Red (74%)

Yellow (69%)

Blue (74%)

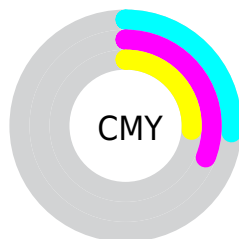


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3690, 3.7621, 6.6924 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 180.3690, 3.7621, 6.6924 by changing the saturation by 10% instead.

 180.3690, 3.7621,
6.6924

 180.3690, 3.7621,
6.6924


255.0000, 0.0000,
0.0000


 153.3690, 3.7621,
6.6924


 236.3690, 3.7621,
6.6924

 127.9560, 3.4727,
6.1776

 102.6570, 3.6201,
5.5628

 78.5430, 3.1833,
5.6628

 55.5430, 3.1833,
5.6628

 34.1300, 2.8939,
5.1480

 11.7820, 4.0515,

7.2072

0.0000, 0.0000,
0.0000

180.3690, 3.7621,
6.6924

180.3690, 3.7621,
6.6924

169.2160, 9.2605,
16.4736

191.5220, -1.7363,
-3.0888

158.0630, 14.7589,
26.2547

202.6750, -7.2348,
-12.8700

147.4970, 19.9680,
35.5211

213.2410,
-12.4438, -22.1364

136.3440, 25.4664,
45.3023

224.3940,
-17.9422, -31.9175

125.1910, 30.9648,
55.0835

227.3290,
-19.3892, -34.4915

■ 114.0380, 36.4633,
64.8647

■ 102.8850, 41.9617,
74.6459

■ 92.3190, 47.1707,
83.9122

■ 81.1660, 52.6692,
93.6934

Harmonies

Analogous

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



179.4220, 6.6940, -0.3701



180.3690, 3.7621, 6.6924



180.7780, 0.1094, 11.5957

Triad

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



180.3690, 3.7621, 6.6924



178.9810, -7.8786, 7.0327



176.3510, 4.2640, -14.3398

Complementary

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



180.3690, 3.7621, 6.6924



182.6310, -3.7621, -6.6924

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.



176.6240, 0.1854, -12.8252



180.3690, 3.7621, 6.6924



177.6920, -6.2572, 0.2701

Square

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



180.3690, 3.7621, 6.6924



179.3560, -6.5845, 11.9658



176.7450, -3.3253, -6.7924



177.0460, 6.8793, -13.1953

Rectangle

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



180.3690, 3.7621, 6.6924



180.6920, -2.8062, 13.4251



176.7450, -3.3253, -6.7924



176.7100, 3.1010, -14.6547

Sweetspot

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



180.3690, 3.7621, 6.6924



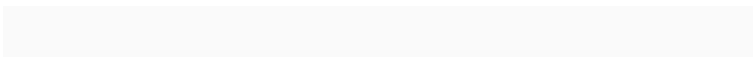
242.0650, 1.4470, 2.5740



176.4820, 5.6784, -1.2997



120.8260, 0.5788, 1.0296



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



180.3690, 3.7621, 6.6924



233.2600, 5.7878, 10.2960



179.6850, 1.1413, 7.2923



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Inverse Universe

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



180.3690, 3.7621, 6.6924



233.2600, 5.7878, 10.2960



183.4290, -0.7045, -7.3922



88.7170, 2.6045, 4.6332



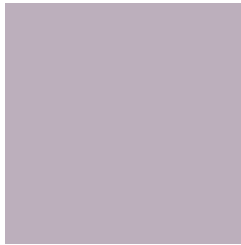
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 180.3690, 3.7621, 6.6924 looks on a white background.

Color Contrast Check

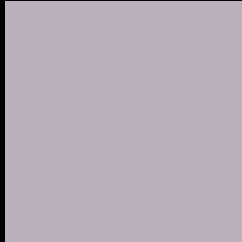
Large Text (above 18pt) WCAG AA × Fail

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 180.3690, 3.7621, 6.6924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

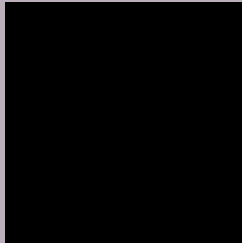
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.3690, 3.7621, 6.6924

Background



This preview shows how black text looks on a background with the YUV color 180.3690, 3.7621, 6.6924.



This preview shows how white text looks on a background with the YUV color 180.3690, 3.7621,

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

180.3690, 3.7621, 6.6924

Protanopia

179.6670, 5.0942, -0.5850

Deuteranopia

180.9780, 3.4618, 9.6663



Tritanopia

180.4830, 4.1989, 6.5924

Trichromacy



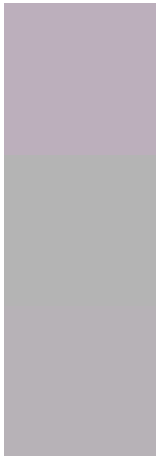
Original Color
180.3690, 3.7621, 6.6924

Protanomaly
179.8630, 4.5045, 1.8741

Deuteranomaly
180.6790, 3.6093, 9.0515

Tritanomaly
180.4830, 4.1989, 6.5924

Monochromacy



Original Color
180.3690, 3.7621, 6.6924

Achromatopsia
180.0000, 0.0000, 0.0000

Achromatomaly
180.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3690, 3.7621, 6.6924 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(188, 175, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 188)  
}
```

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(188, 175, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 188) }
```

Border

The CSS property to change the border of an element to YUV 180.3690, 3.7621, 6.6924 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(188, 175, 188) }
```


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

```
.border{ border-color:rgb(188, 175, 188) }
```

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

Here you see how a box with a 4 pixel rgb(188, 175, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 175, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 175, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 175,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 180.3690, 3.7621, 6.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 188) }
```

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

```
.background{ background-color: rgb(188,  
175, 188) }
```

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