

Converting Colors

YUV(168.2380, 5.7987, 6.8073)

Have a look what the booklet for
YUV(168.2380, 5.7987, 6.8073)
contains.

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Color

**YUV(168.2380, 5.7987,
6.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A2B4
RGB	176, 162, 180
RGB Percent	69%, 64%, 71%
CMY	0.3098, 0.3647, 0.2941
CMYK	0.02, 0.10, 0.00, 0.29
HSL	287°, 11%, 67%
HSV	287°, 10%, 71%
XYZ	39.0630, 38.3661, 48.5266
YIQ	168.2380, 2.5660, 8.5660

Conversions

Conversions Part 2

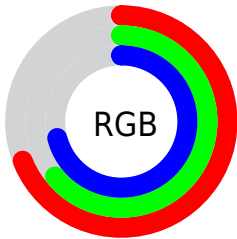
Format	Color
RYB	176, 162, 180
Decimal	11575988
CIELab	68.29, 8.43, -7.44
CIELCh	68, 11.244, 318.555
Yxy	38.3661, 0.3101, 0.3046
Android (android.graphics.Color)	4289766068 (0xFFB0A2B4)
YUV	168.2380, 5.7987, 6.8073
Hunter-Lab	61.9403, 4.1765, -3.0919

Details

The YUV color **168.2380, 5.7987, 6.8073** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173.7620, -5.7987, -6.8073**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6510, 6.0881, 7.3221**, and **115.8250, 5.5093, 6.2925** is the 20% darker color. If you saturate the color by 10%, you get **156.4760, 11.5973, 13.6145**, and if you desaturate by 10%, it is **180.0000, 0.0000, 0.0000**.

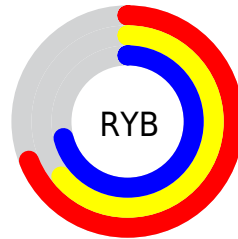
Distribution



Red (69%)

Green (64%)

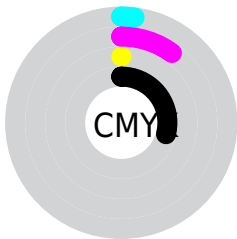
Blue (71%)



Red (69%)

Yellow (64%)

Blue (71%)

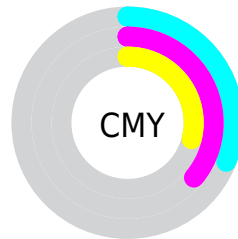


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2380, 5.7987, 6.8073 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 168.2380, 5.7987, 6.8073 by changing the saturation by 10% instead.

■ 168.2380, 5.7987,
6.8073

■ 168.2380, 5.7987,
6.8073

255.0000, 0.0000,
0.0000

■ 141.8250, 5.5093,
6.2925

■ 223.6510, 6.0881,
7.3221

■ 115.8250, 5.5093,
6.2925

■ 249.1300, 2.8939,
5.1480

■ 91.7110, 5.0725,
6.3925

■ 68.2980, 4.7831,
5.8777

■ 45.8850, 4.4937,
5.3629

■ 24.8850, 4.4937,
5.3629

■ 1.2540, 4.8048,

-1.0998

0.0000, 0.0000,
0.0000

168.2380, 5.7987,
6.8073

168.2380, 5.7987,
6.8073

156.4760, 11.5973,
13.6145

180.0000, 0.0000,
0.0000

144.7140, 17.3960,
20.4218

191.7620, -5.7987,
-6.8073

132.9520, 23.1947,
27.2291

203.5240,
-11.5973, -13.6145

121.1900, 28.9933,
34.0364

215.2860,
-17.3960, -20.4218

109.4280, 34.7920,
40.8436

227.0480,
-23.1947, -27.2291

■ 97.6660, 40.5907,
47.6509

■ 230.0050,
-24.6525, -26.3144

■ 85.9040, 46.3893,
54.4582

■ 231.2010,
-25.2421, -23.8553

■ 74.1420, 52.1880,
61.2655

■ 232.3970,
-25.8317, -21.3962

■ 62.3800, 57.9867,
68.0727

■ 233.5930,
-26.4213, -18.9371

Harmonies

Analogous

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



167.0950, 9.3202, -2.7143



168.2380, 5.7987, 6.8073



168.7290, 1.1196, 14.2697

Triad

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



168.2380, 5.7987, 6.8073



166.5470, -9.6367, 10.9213



162.8450, 5.0064, -19.1581

Complementary

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



168.2380, 5.7987, 6.8073



173.7620, -5.7987, -6.8073

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.



163.0860, -0.5354, -14.9844



168.2380, 5.7987, 6.8073



165.6060, -9.1728, 2.0995

Square

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



168.2380, 5.7987, 6.8073



167.4490, -7.6164, 16.2692



164.4630, -5.6513, -7.4221



163.7680, 8.4954, -18.2135

Rectangle

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



168.2380, 5.7987, 6.8073



168.8280, -2.3802, 16.8138



164.4630, -5.6513, -7.4221



163.2750, 2.8224, -18.6582

Sweetspot

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



168.2380, 5.7987, 6.8073



230.2930, 2.3206, 2.3740



166.4000, 6.7048, -3.8588



114.3530, 1.3050, 1.4444



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



168.2380, 5.7987, 6.8073



215.8840, 9.4242, 10.6257



168.8640, 3.0250, 9.7663



83.1190, 2.8993, 3.4036



53.0230, 49.2887, 57.8618



8.9440, 8.4086, 9.6961

Inverse Universe

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



167.8380, -0.9061, 10.6661



215.4690, -1.2172, 17.1287



173.1360, -3.0250, -9.7663



82.9190, -0.4531, 5.3330



49.6230, -7.7021, 90.6616



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 168.2380, 5.7987, 6.8073 looks on a white background.

Color Contrast Check

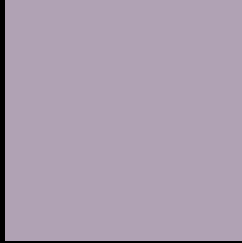
Large Text (above 18pt) WCAG AA × Fail

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 168.2380, 5.7987, 6.8073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

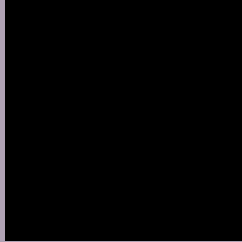
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.2380, 5.7987, 6.8073

Background



This preview shows how black text looks on a background with the YUV color 168.2380, 5.7987, 6.8073.



This preview shows how white text looks on a background with the YUV color 168.2380, 5.7987,

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

168.2380, 5.7987, 6.8073

Protanopia

166.9380, 7.4256, -1.6996

Deuteranopia

168.5370, 5.6513, 7.4221



Tritanopia

168.0700, 3.9095, 6.0776

Trichromacy



Original Color

168.2380, 5.7987, 6.8073

Protanomaly

167.4330, 6.6885, 1.3743

Deuteranomaly

168.5370, 5.6513, 7.4221

Tritanomaly

168.1840, 4.3463, 5.9776

Monochromacy



Original Color

168.2380, 5.7987, 6.8073

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1790, 1.8838, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2380, 5.7987, 6.8073 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(176, 162, 180)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 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(176, 162, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 180) }
```

Border

The CSS property to change the border of an element to YUV 168.2380, 5.7987, 6.8073 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(176, 162, 180) }
```


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

```
.border{ border-color:rgb(176, 162, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 180);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 168.2380, 5.7987, 6.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 180) }
```

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

```
.background{ background-color: rgb(176,  
162, 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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