

Converting Colors

YUV(168.3630, 9.6810, 21.6066)

Have a look what the booklet for
YUV(168.3630, 9.6810, 21.6066)
contains.

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Color

**YUV(168.3630, 9.6810,
21.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	C198BC
RGB	193, 152, 188
RGB Percent	76%, 60%, 74%
CMY	0.2431, 0.4039, 0.2627
CMYK	0.00, 0.21, 0.03, 0.24
HSL	307°, 25%, 68%
HSV	307°, 21%, 76%
XYZ	42.2977, 37.4248, 52.5713
YIQ	168.3630, 12.8800, 19.8880

Conversions

Conversions Part 2

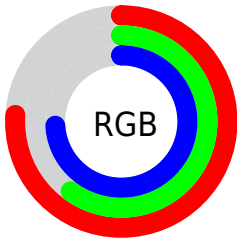
Format	Color
R _Y B	193, 152, 188
Decimal	12687548
CIE _{Lab}	67.59, 21.41, -12.77
CIE _{LCh}	68, 24.934, 329.186
Yxy	37.4248, 0.3197, 0.2829
Android (android.graphics.Color)	4290877628 (0xFFC198BC)
YUV	168.3630, 9.6810, 21.6066
Hunter-Lab	61.1758, 16.3594, -8.1277

Details

The YUV color **168.3630, 9.6810, 21.6066** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.6370, -9.6810, -21.6066**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.0750, 9.8230, 22.7362**, and **116.2380, 9.2497, 19.9623** is the 20% darker color. If you saturate the color by 10%, you get **156.9820, 14.3059, 31.5878**, and if you desaturate by 10%, it is **179.7440, 5.0562, 11.6255**.

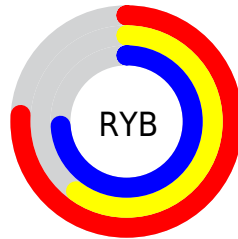
Distribution



Red (76%)

Green (60%)

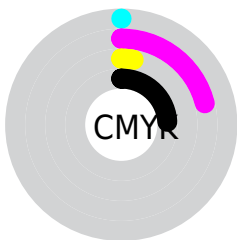
Blue (74%)



Red (76%)

Yellow (60%)

Blue (74%)

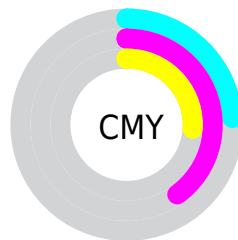


Cyan (0%)

Magenta (21%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3630, 9.6810, 21.6066 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 168.3630, 9.6810, 21.6066 by changing the saturation by 10% instead.

 168.3630, 9.6810,
21.6066

 168.3630, 9.6810,
21.6066

255.0000, 0.0000,
0.0000


 141.9500, 9.3917,
21.0919


 224.0750, 9.8230,
22.7362

 116.2380, 9.2497,
19.9623

 243.2600, 5.7878,
10.2960

 90.8250, 8.9603,
19.4475

 67.1130, 8.8183,
18.3179

 44.4010, 8.6763,
17.1883

 22.9880, 8.3869,
16.6735

 7.2490, 5.7932,

8.5516

■ 0.0000, 0.0000,
0.0000

■ 168.3630, 9.6810,
21.6066

■ 168.3630, 9.6810,
21.6066

■ 156.9820, 14.3059,
31.5878

■ 179.7440, 5.0562,
11.6255

■ 144.9000, 18.7833,
42.1837

■ 191.8260, 0.5788,
1.0296

■ 133.5190, 23.4081,
52.1648

■ 203.2070, -4.0461,
-8.9515

■ 122.1380, 28.0330,
62.1460

■ 214.5880, -8.6709,
-18.9327

■ 110.0560, 32.5104,
72.7419

■ 226.6700,
-13.1483, -29.5286

■ 98.6750, 37.1352,
82.7230

■ 230.4200,
-14.0111, -32.8173

■ 87.2940, 41.7601,
92.7042

■ 230.6480,
-13.1375, -33.0173

■ 76.9730, 45.3693,
101.7557

■ 230.9900,
-11.8271, -33.3172

■ 231.2180,
-10.9535, -33.5172

Harmonies

Analogous

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



166.5220, 18.4767, 0.4192



168.3630, 9.6810, 21.6066



167.9920, -0.9821, 35.0870

Triad

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



168.3630, 9.6810, 21.6066



163.7790, -21.5830, 15.9798



154.4050, 15.5763, -49.4672

Complementary

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



168.3630, 9.6810, 21.6066



176.6370, -9.6810, -21.6066

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.



155.0720, 3.9085, -40.4051



168.3630, 9.6810, 21.6066



161.2820, -17.8870, -2.8783

Square

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



168.3630, 9.6810, 21.6066



165.2630, -18.8637, 30.4643



158.2670, -8.5126, -23.0362



156.9850, 22.6854, -42.9598

Rectangle

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



168.3630, 9.6810, 21.6066



167.7660, -8.2656, 37.9162



158.2670, -8.5126, -23.0362



153.9060, 12.3713, -48.1526

Sweetspot

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



168.3630, 9.6810, 21.6066



240.9670, 3.4673, 7.9219



158.1690, 17.1717, -1.0252



119.6030, 2.1677, 4.7332



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.



168.3630, 9.6810, 21.6066



212.1070, 14.7372, 33.2322



166.0830, 0.9451, 23.6062



91.0160, 2.4571, 5.2480



64.2130, 37.8560, 84.8822



13.1730, 7.8027, 17.3883

Inverse Universe

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



168.3630, 9.6810, 21.6066



212.1070, 14.7372, 33.2322



178.9170, -0.9451, -23.6062



91.0160, 2.4571, 5.2480



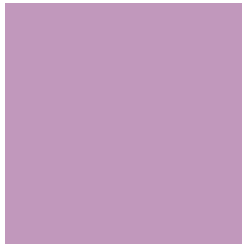
64.2130, 37.8560, 84.8822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 168.3630, 9.6810, 21.6066 looks on a white background.

Color Contrast Check

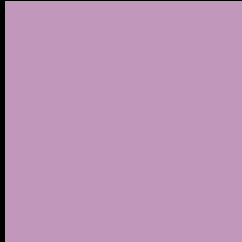
Large Text (above 18pt) WCAG AA × Fail

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 168.3630, 9.6810, 21.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

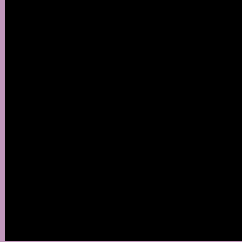
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3630, 9.6810, 21.6066

Background



This preview shows how black text looks on a background with the YUV color 168.3630, 9.6810, 21.6066.



This preview shows how white text looks on a background with the YUV color 168.3630, 9.6810,

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

168.3630, 9.6810, 21.6066

Protanopia

165.2670, 15.1514, -6.3732

Deuteranopia

166.8400, 9.4459, 3.6483



Tritanopia

167.5340, 0.2297, 19.7027

Trichromacy



Original Color

168.3630, 9.6810, 21.6066

Protanomaly

166.4640, 13.0822, 3.9781

Deuteranomaly

167.5850, 9.5716, 10.0110

Tritanomaly

168.0440, 3.4293, 20.1324

Monochromacy



Original Color

168.3630, 9.6810, 21.6066

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9670, 3.4673, 7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3630, 9.6810, 21.6066 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(193, 152, 188)` looks like.

```
.text, #text, p{  
    color:rgb(193, 152, 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(193, 152, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 152, 188) }
```

Border

The CSS property to change the border of an element to YUV 168.3630, 9.6810, 21.6066 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(193, 152, 188) }
```


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

```
.border{ border-color:rgb(193, 152, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 152, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 152, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 152, 188); box-shadow:4px 4px 4px 4px rgb(193, 152, 188) }
```

Background

The CSS property to change the background color of an element to YUV 168.3630, 9.6810, 21.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 152, 188) }
```

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

```
.background{ background-color: rgb(193,  
152, 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](#).

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