

Converting Colors

YUV(70.9380, 65.1066, 71.0914)

Have a look what the booklet for
YUV(70.9380, 65.1066, 71.0914)
contains.

YUV(70.9380, 65.1066, 71.0914)	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(70.9380, 65.1066,
71.0914)**

Conversions

Conversions Part 1

Format	Color
Hex	9804CB
RGB	152, 4, 203
RGB Percent	60%, 2%, 80%
CMY	0.4039, 0.9843, 0.2039
CMYK	0.25, 0.98, 0.00, 0.20
HSL	285°, 96%, 41%
HSV	285°, 98%, 80%
XYZ	23.7718, 11.0740, 57.3845
YIQ	70.9380, 24.3290, 93.2650

Conversions

Conversions Part 2

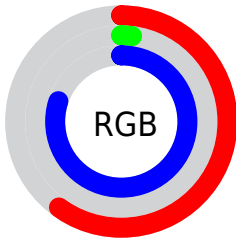
Format	Color
R_{YB}	152, 4, 203
Decimal	9962699
CIE _{Lab}	39.70, 74.92, -65.51
CIE _{LCh}	40, 99.518, 318.834
Yxy	11.0740, 0.2577, 0.1201
Android (android.graphics.Color)	4288152779 (0xFF9804CB)
YUV	70.9380, 65.1066, 71.0914
Hunter-Lab	33.2777, 69.2750, -78.9462

Details

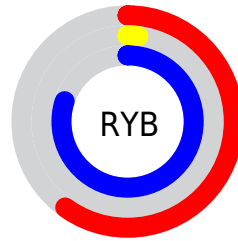
The YUV color **70.9380, 65.1066, 71.0914** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **136.0620, -65.1066, -71.0914**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4670, 55.9718, 60.9804**, and **44.9780, 50.7898, 42.9923** is the 20% darker color. If you saturate the color by 10%, you get **68.2910, 66.4115, 72.5358**, and if you desaturate by 10%, it is **84.1730, 58.5817, 63.8693**.

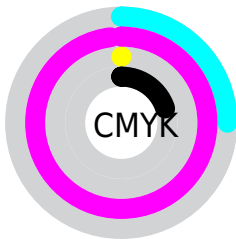
Distribution



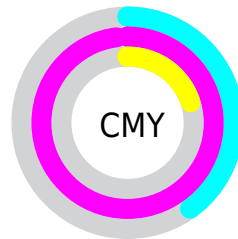
- Red (60%)
- Green (2%)
- Blue (80%)



- Red (60%)
- Yellow (2%)
- Blue (80%)



- Cyan (25%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9380, 65.1066, 71.0914 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 70.9380, 65.1066, 71.0914 by changing the saturation by 10% instead.

70.9380, 65.1066,
71.0914

70.9380, 65.1066,
71.0914

255.0000, 0.0000,
0.0000

56.7270, 58.3086,
58.1214

141.4670, 55.9718,
60.9804

44.9780, 50.7898,
42.9923

167.4600, 43.1572,
64.4946

32.9300, 43.4185,
27.2484

188.6690, 32.7012,
58.1723

21.5940, 36.1892,
12.6341

205.6920, 24.3088,
43.2431

7.9800, 30.5759,
-6.9985

222.7150, 15.9165,
28.3139

7.7060, 19.3719,
-6.7582

239.7380, 7.5242,

3.4370, 10.6306,

13.3848

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 70.9380, 65.1066,
71.0914

■ 70.9380, 65.1066,
71.0914

■ 68.2910, 66.4115,
72.5358

■ 84.1730, 58.5817,
63.8693

■ 97.9950, 51.7675,
56.1324

■ 111.5290, 45.0952,
49.5251

■ 124.7640, 38.5703,
42.3030

■ 138.5860, 31.7561,
34.5661

■ 151.8210, 25.2312,
27.3440

■ 165.0560, 18.7064,
20.1219

■ 178.5900, 12.0341,
13.5146

■ 192.4120, 5.2199,
5.7777

Harmonies

Analogous

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



80.3840, 84.6067, -70.4968



70.9380, 65.1066, 71.0914



78.5780, 24.3650, 118.7651

Triad

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



70.9380, 65.1066, 71.0914



87.9340, -43.3515, 44.7849



88.7310, 27.7406, -77.8171

Complementary

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



70.9380, 65.1066, 71.0914



136.0620, -65.1066, -71.0914

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.



77.1660, -8.9558, -67.6746



70.9380, 65.1066, 71.0914



80.7710, -39.8201, -14.7082

Square

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



70.9380, 65.1066, 71.0914



57.7070, -28.4496, 118.6520



68.0920, -33.5694, -59.7167



97.0530, 59.6269, -85.1155

Rectangle

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



70.9380, 65.1066, 71.0914



75.8250, -0.4067, 130.8265



68.0920, -33.5694, -59.7167



84.9520, 15.7997, -74.5029

Sweetspot

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



70.9380, 65.1066, 71.0914



205.8810, 24.2157, 26.4144



57.7970, 71.5851, -47.1800



97.9970, 14.7915, 15.7886



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.



70.9380, 65.1066, 71.0914



85.8800, 83.3762, 91.3132



80.9430, 37.4961, 107.0440



95.2330, 3.3361, 3.3037



55.7010, 54.3774, 59.0212



12.7040, 12.4709, 13.4146

Inverse Universe

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



69.3150, -7.0573, 117.2417



83.6550, -9.1969, 150.2696



126.0570, -37.4961, -107.0440



95.2180, -0.6005, 5.9478



54.4220, -6.1240, 97.8539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 70.9380, 65.1066, 71.0914 looks on a white background.

Color Contrast Check

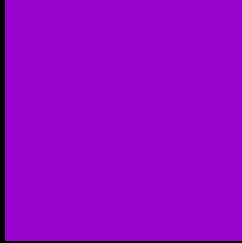
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 70.9380, 65.1066, 71.0914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

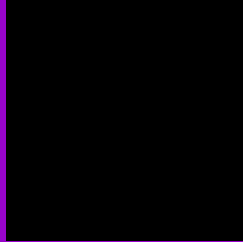
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9380, 65.1066, 71.0914

Background



This preview shows how black text looks on a background with the YUV color 70.9380, 65.1066, 71.0914.



This preview shows how white text looks on a background with the YUV color 70.9380, 65.1066,

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

70.9380, 65.1066, 71.0914

Protanopia

76.1200, 58.1148, -66.7572

Deuteranopia

76.7920, 45.4585, -67.3466



Tritanopia

96.1290, -5.4866, 33.2129

Trichromacy



Original Color

70.9380, 65.1066, 71.0914



Protanomaly

74.1230, 60.5784, -16.7709



Deuteranomaly

74.6470, 52.4320, -17.2304



Tritanomaly

87.2750, 20.0774, 47.1168

Monochromacy



Original Color

70.9380, 65.1066, 71.0914



Achromatopsia

71.0000, 0.0000, 0.0000



Achromatomaly

71.0550, 23.6369, 25.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9380, 65.1066, 71.0914 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(152, 4, 203)` looks like.

```
.text, #text, p{  
    color:rgb(152, 4, 203)  
}
```

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(152, 4, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 4, 203) }
```

Border

The CSS property to change the border of an element to YUV 70.9380, 65.1066, 71.0914 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(152, 4, 203) }
```


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

```
.border{ border-color:rgb(152, 4, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 4, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 4, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 4, 203);  
box-shadow:4px 4px 4px 4px rgb(152, 4,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 70.9380, 65.1066, 71.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 4, 203) }
```

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

```
.background{ background-color: rgb(152, 4,  
203) }
```

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