

Converting Colors

YUV(65.5140, 64.8226, 68.8322)

Have a look what the booklet for
YUV(65.5140, 64.8226, 68.8322)
contains.

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Color

**YUV(65.5140, 64.8226,
68.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	9000C5
RGB	144, 0, 197
RGB Percent	56%, 0%, 77%
CMY	0.4353, 1.0000, 0.2275
CMYK	0.27, 1.00, 0.00, 0.23
HSL	284°, 100%, 39%
HSV	284°, 100%, 77%
XYZ	21.5796, 9.9605, 53.6085
YIQ	65.5140, 22.5870, 91.7950

Conversions

Conversions Part 2

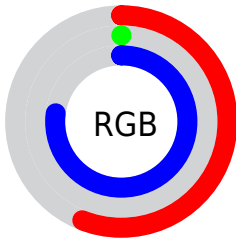
Format	Color
R_{YB}	144, 0, 197
Decimal	9437381
CIE Lab	37.77, 73.25, -65.22
CIE LCh	38, 98.078, 318.322
Yxy	9.9605, 0.2534, 0.1170
Android (android.graphics.Color)	4287627461 (0xFF9000C5)
YUV	65.5140, 64.8226, 68.8322
Hunter-Lab	31.5603, 66.8206, -78.6182

Details

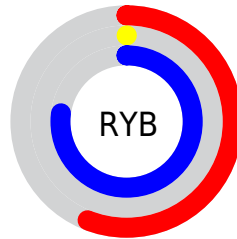
The YUV color **65.5140, 64.8226, 68.8322** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **131.4860, -64.8226, -68.8322**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3140, 58.0192, 57.6066**, and **41.9020, 49.3483, 38.6739** is the 20% darker color. If you saturate the color by 10%, you get **65.5140, 64.8226, 68.8322**, and if you desaturate by 10%, it is **78.7490, 58.2977, 61.6101**.

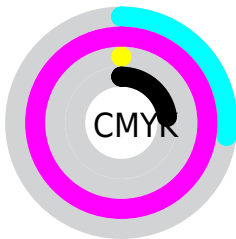
Distribution



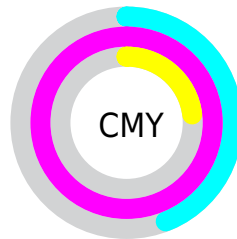
- Red (56%)
- Green (0%)
- Blue (77%)



- Red (56%)
- Yellow (0%)
- Blue (77%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (44%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5140, 64.8226, 68.8322 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 65.5140, 64.8226, 68.8322 by changing the saturation by 10% instead.

65.5140, 64.8226,
68.8322

65.5140, 64.8226,
68.8322

255.0000, 0.0000,
0.0000

53.6510, 56.8671,
53.8031

137.3140, 58.0192,
57.6066

41.9020, 49.3483,
38.6739

163.3070, 45.2046,
61.1208

29.8540, 41.9770,
22.9300

186.3210, 33.8587,
60.2315

17.7350, 35.6266,
6.3714

203.3440, 25.4664,
45.3023

7.4100, 28.3919,
-6.4986

220.3670, 17.0741,
30.3731

6.5490, 17.4773,
-5.7435

237.3900, 8.6817,

2.8670, 8.4466,

15.4440

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 65.5140, 64.8226,
68.8322

■ 78.7490, 58.2977,
61.6101

■ 91.6960, 51.9149,
55.5176

■ 104.9310, 45.3900,
48.2955

■ 118.1660, 38.8652,
41.0734

■ 131.7000, 32.1929,
34.4661

■ 144.3480, 25.9574,
27.7588

■ 157.5830, 19.4326,
20.5367

■ 170.8180, 12.9077,
13.3146

■ 183.7650, 6.5249,
7.2221

Harmonies

Analogous

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



77.2380, 82.7067, -67.7377



65.5140, 64.8226, 68.8322



75.6160, 23.3603, 114.3468

Triad

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



65.5140, 64.8226, 68.8322



84.0910, -41.4569, 43.7702



84.2970, 25.9826, -73.9285

Complementary

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



65.5140, 64.8226, 68.8322



131.4860, -64.8226, -68.8322

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.



73.6610, -9.6929, -64.6007



65.5140, 64.8226, 68.8322



76.9390, -37.9309, -13.9785

Square

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



65.5140, 64.8226, 68.8322



55.6140, -27.4177, 114.3485



65.1570, -32.1224, -57.1427



92.5050, 57.4320, -81.1269

Rectangle

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



65.5140, 64.8226, 68.8322



72.7920, -0.3905, 125.5934



65.1570, -32.1224, -57.1427



80.6320, 14.4784, -70.7143

Sweetspot

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



65.5140, 64.8226, 68.8322



204.1090, 25.0893, 26.2144



55.3300, 69.8433, -48.5244



97.1110, 15.2283, 15.6887



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.



65.5140, 64.8226, 68.8322



84.6840, 83.9658, 88.8541



76.4590, 38.2277, 105.7145



93.1190, 2.8993, 3.4036



54.1630, 53.6566, 56.8620



11.8780, 11.8921, 12.3850

Inverse Universe

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



64.9450, -5.8889, 115.8122



84.1110, -7.4497, 149.8697



120.5410, -38.2277, -105.7145



92.9190, -0.4531, 5.3330



53.7530, -4.8082, 95.8096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 65.5140, 64.8226, 68.8322 looks on a white background.

Color Contrast Check

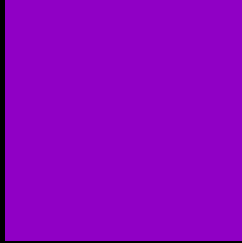
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 65.5140, 64.8226, 68.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

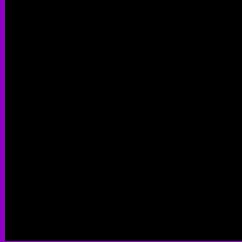
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5140, 64.8226, 68.8322

Background



This preview shows how black text looks on a background with the YUV color 65.5140, 64.8226, 68.8322.



This preview shows how white text looks on a background with the YUV color 65.5140, 64.8226,

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



Protanopia

72.7460, 55.3412, -63.7982

Deuteranopia

72.9450, 43.4111, -63.9728

Tritanopia

92.3350, -4.6022, 29.5242

Trichromacy



Protanomaly

69.9660, 58.6838, -15.7562

Deuteranomaly

70.0170, 51.2636, -15.8009

Tritanomaly

82.6660, 20.3777, 44.1429

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7560, 23.7843, 24.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5140, 64.8226, 68.8322 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(144, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(144, 0, 197)  
}
```

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(144, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 197) }
```

Border

The CSS property to change the border of an element to YUV 65.5140, 64.8226, 68.8322 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(144, 0, 197) }
```

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

```
.border{ border-color:rgb(144, 0, 197) }
```

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

Here you see how a box with a 4 pixel rgb(144, 0, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(144, 0,  
197) }
```


Background

The CSS property to change the background color of an element to YUV 65.5140, 64.8226, 68.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 197) }
```

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

```
.background{ background-color: rgb(144, 0,  
197) }
```

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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