

Converting Colors

YUV(166.0040, 7.3930, 8.7665)

Have a look what the booklet for
YUV(166.0040, 7.3930, 8.7665)
contains.

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Color

**YUV(166.0040, 7.3930,
8.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	B09EB5
RGB	176, 158, 181
RGB Percent	69%, 62%, 71%
CMY	0.3098, 0.3804, 0.2902
CMYK	0.03, 0.13, 0.00, 0.29
HSL	287°, 13%, 66%
HSV	287°, 13%, 71%
XYZ	38.4718, 37.0200, 48.8340
YIQ	166.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

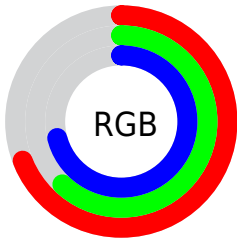
Format	Color
RYB	176, 158, 181
Decimal	11574965
CIELab	67.29, 10.84, -9.48
CIELCh	67, 14.406, 318.825
Yxy	37.0200, 0.3094, 0.2978
Android (android.graphics.Color)	4289765045 (0xFFB09EB5)
YUV	166.0040, 7.3930, 8.7665
Hunter-Lab	60.8441, 6.3888, -4.9958

Details

The YUV color **166.0040, 7.3930, 8.7665** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172.9960, -7.3930, -8.7665**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4170, 7.6824, 9.2813**, and **114.1780, 6.8142, 7.7369** is the 20% darker color. If you saturate the color by 10%, you get **154.2420, 13.1917, 15.5738**, and if you desaturate by 10%, it is **177.7660, 1.5944, 1.9592**.

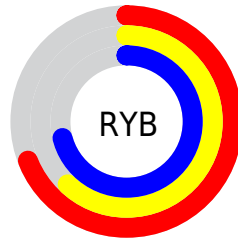
Distribution



Red (69%)

Green (62%)

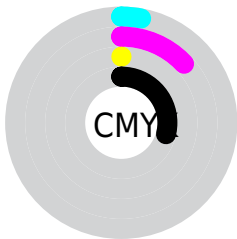
Blue (71%)



Red (69%)

Yellow (62%)

Blue (71%)

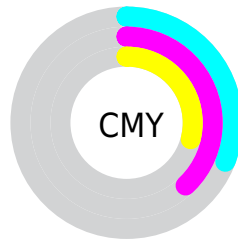


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0040, 7.3930, 8.7665 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 166.0040, 7.3930, 8.7665 by changing the saturation by 10% instead.

■ 166.0040, 7.3930,
8.7665

■ 166.0040, 7.3930,
8.7665

255.0000, 0.0000,
0.0000

■ 139.5910, 7.1036,
8.2517

■ 221.4170, 7.6824,
9.2813

■ 114.1780, 6.8142,
7.7369

■ 246.7820, 4.0515,
7.2072

■ 89.1780, 6.8142,
7.7369

■ 65.7650, 6.5249,
7.2221

■ 44.2380, 5.7987,
6.8073

■ 22.9390, 5.9461,
6.1925

■ 1.3680, 5.2416,

-1.1997

0.0000, 0.0000,
0.0000

166.0040, 7.3930,
8.7665

166.0040, 7.3930,
8.7665

154.2420, 13.1917,
15.5738

177.7660, 1.5944,
1.9592

142.4800, 18.9904,
22.3810

189.5280, -4.2043,
-4.8481

130.7180, 24.7890,
29.1883

201.2900,
-10.0030, -11.6553

118.9560, 30.5877,
35.9956

213.0520,
-15.8016, -18.4626

107.1940, 36.3864,
42.8029

225.4010,
-21.8897, -25.7847

■ 94.8450, 42.4744,
50.1249

■ 230.1190,
-24.2157, -26.4144

■ 83.0830, 48.2731,
56.9322

■ 231.3150,
-24.8053, -23.9553

■ 71.6200, 53.9243,
64.3543

■ 232.2120,
-25.2475, -22.1109

■ 63.0920, 58.1286,
69.2023

■ 233.4080,
-25.8371, -19.6518

Harmonies

Analogous

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



164.3660, 11.6516, -3.8290



166.0040, 7.3930, 8.7665



166.1640, 1.3981, 18.2732

Triad

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



166.0040, 7.3930, 8.7665



163.8740, -12.2629, 13.2655



158.8550, 6.4805, -25.3058

Complementary

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



166.0040, 7.3930, 8.7665



172.9960, -7.3930, -8.7665

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.



159.6510, -0.8139, -18.9879



166.0040, 7.3930, 8.7665



162.6230, -11.6461, 2.0846

Square

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



166.0040, 7.3930, 8.7665



164.9010, -9.8112, 20.2578



160.6970, -7.2456, -9.3813



160.4190, 11.1324, -24.0465

Rectangle

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



166.0040, 7.3930, 8.7665



166.3340, -3.1227, 21.6321



160.6970, -7.2456, -9.3813



159.4700, 3.7123, -24.0912

Sweetspot

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



166.0040, 7.3930, 8.7665



228.5320, 3.1887, 3.9184



163.5570, 8.5994, -4.8735



113.1790, 1.8838, 2.4740



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.



166.0040, 7.3930, 8.7665



211.4760, 11.5973, 13.6145



166.8150, 4.0352, 12.4402



83.1190, 2.8993, 3.4036



53.3220, 49.1413, 58.4766



8.9440, 8.4086, 9.6961

Inverse Universe

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



165.4470, -1.2064, 13.6400



210.6760, -1.8123, 21.3321



172.1850, -4.0352, -12.4402



82.9190, -0.4531, 5.3330



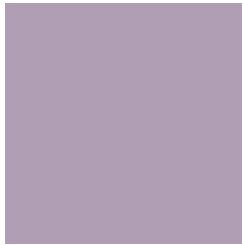
49.5090, -8.1389, 90.7616



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 166.0040, 7.3930, 8.7665 looks on a white background.

Color Contrast Check

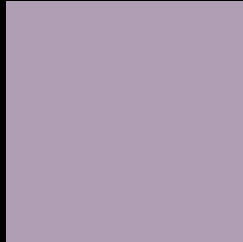
Large Text (above 18pt) WCAG AA × Fail

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 166.0040, 7.3930, 8.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

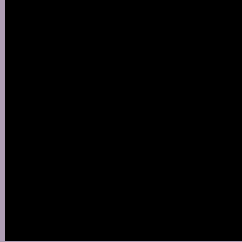
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.0040, 7.3930, 8.7665

Background



This preview shows how black text looks on a background with the YUV color 166.0040, 7.3930, 8.7665.



This preview shows how white text looks on a background with the YUV color 166.0040, 7.3930,

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

166.0040, 7.3930, 8.7665

Protanopia

164.7960, 9.4676, -3.3291

Deuteranopia

165.3950, 7.6933, 5.7926



Tritanopia

165.8530, 3.0305, 8.0219

Trichromacy



Original Color

166.0040, 7.3930, 8.7665

Protanomaly

165.0030, 8.8725, 0.8744

Deuteranomaly

165.6940, 7.5459, 6.4074

Tritanomaly

165.6080, 4.6303, 8.2368

Monochromacy



Original Color

166.0040, 7.3930, 8.7665

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0040, 7.3930, 8.7665 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, 158, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 181)  
}
```

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, 158, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 181) }
```

Border

The CSS property to change the border of an element to YUV 166.0040, 7.3930, 8.7665 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, 158, 181) }
```


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

```
.border{ border-color:rgb(176, 158, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 158, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 158, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 158, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 158,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 166.0040, 7.3930, 8.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 181) }
```

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

```
.background{ background-color: rgb(176,  
158, 181) }
```

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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