

Converting Colors

YUV(166.2150, 10.7400, 8.5814)

Have a look what the booklet for
YUV(166.2150, 10.7400, 8.5814)
contains.

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Color

**YUV(166.2150, 10.7400,
8.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	B09DBC
RGB	176, 157, 188
RGB Percent	69%, 62%, 74%
CMY	0.3098, 0.3843, 0.2627
CMYK	0.06, 0.16, 0.00, 0.26
HSL	277°, 19%, 68%
HSV	277°, 16%, 74%
XYZ	39.0386, 36.9749, 52.6563
YIQ	166.2150, 1.3730, 13.6690

Conversions

Conversions Part 2

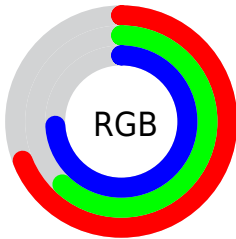
Format	Color
RYB	176, 157, 188
Decimal	11574716
CIELab	67.26, 12.80, -13.44
CIELCh	67, 18.555, 313.601
Yxy	36.9749, 0.3034, 0.2874
Android (android.graphics.Color)	4289764796 (0xFFB09DBC)
YUV	166.2150, 10.7400, 8.5814
Hunter-Lab	60.8070, 8.1862, -8.7777

Details

The YUV color **166.2150, 10.7400, 8.5814** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **178.7850, -10.7400, -8.5814**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6280, 11.0294, 9.0962**, and **114.3890, 10.1612, 7.5518** is the 20% darker color. If you saturate the color by 10%, you get **152.9690, 17.2703, 14.0592**, and if you desaturate by 10%, it is **179.4610, 4.2097, 3.1037**.

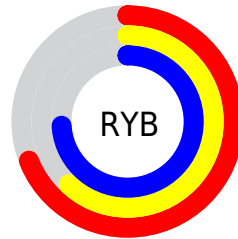
Distribution



Red (69%)

Green (62%)

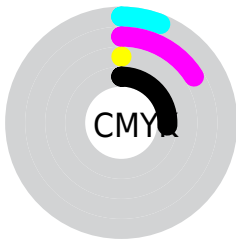
Blue (74%)



Red (69%)

Yellow (62%)

Blue (74%)

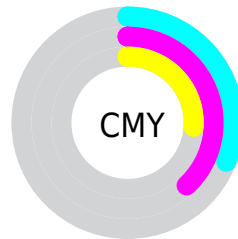


Cyan (6%)

Magenta (16%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2150, 10.7400, 8.5814 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 166.2150, 10.7400, 8.5814 by changing the saturation by 10% instead.

■ 166.2150, 10.7400,
8.5814

■ 166.2150, 10.7400,
8.5814

255.0000, 0.0000,
0.0000

■ 139.8020, 10.4506,
8.0666

■ 221.6280, 11.0294,
9.0962

■ 114.3890, 10.1612,
7.5518

■ 246.1950, 4.3409,
7.7220

■ 89.2750, 9.7244,
7.6518

■ 65.8620, 9.4350,
7.1370

■ 44.0360, 8.8563,
6.1074

■ 22.9220, 8.4195,
6.2074

■ 2.1660, 8.2992,

-1.8996

0.0000, 0.0000,
0.0000

166.2150, 10.7400,
8.5814

166.2150, 10.7400,
8.5814

152.9690, 17.2703,
14.0592

179.4610, 4.2097,
3.1037

139.4240, 23.9480,
18.9222

193.0060, -2.4680,
-1.7593

126.7650, 30.1889,
23.8851

205.6650, -8.7088,
-6.7222

113.5190, 36.7191,
29.3628

218.9110,
-15.2391, -12.1999

100.2730, 43.2494,
34.8406

232.1570,
-21.7694, -17.6777

86.7280, 49.9271,
39.7035

236.8970,
-24.1062, -14.8187

73.4820, 56.4574,
45.1813

238.9900,
-25.1381, -10.5152

60.8230, 62.6983,
50.1442

241.0830,
-26.1699, -6.2118

55.8170, 65.1662,
51.9035

243.1760,
-27.2018, -1.9084

Harmonies

Analogous

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



164.3700, 15.5936, -8.2175



166.2150, 10.7400, 8.5814



167.0550, 3.4239, 21.8768

Triad

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



166.2150, 10.7400, 8.5814



164.2830, -15.9155, 18.1688



156.9250, 6.9390, -32.3832

Complementary

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



166.2150, 10.7400, 8.5814



178.7850, -10.7400, -8.5814

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.



158.5750, -2.2555, -23.3063



166.2150, 10.7400, 8.5814



162.3200, -15.4408, 5.8584

Square

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



166.2150, 10.7400, 8.5814



165.6630, -12.1589, 26.6055



160.4860, -10.5926, -9.1962



158.0480, 13.7803, -33.3681

Rectangle

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



166.2150, 10.7400, 8.5814



166.5950, -2.2653, 26.6652



160.4860, -10.5926, -9.1962



157.1380, 3.8760, -29.9390

Sweetspot

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



166.2150, 10.7400, 8.5814



236.4610, 4.2097, 3.1037



167.5780, 10.0680, -9.2769



117.2930, 2.3206, 2.3740



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



166.2150, 10.7400, 8.5814



210.5560, 16.9809, 13.5444



169.4610, 7.6607, 16.2587



87.8200, 3.0467, 2.7889



47.0150, 54.7156, 43.8368



9.2150, 10.7400, 8.5814

Inverse Universe

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



167.6370, 0.6720, 17.8584



212.8170, 1.0762, 28.2245



175.5390, -7.6607, -16.2587



88.1470, 0.4205, 5.1331



54.1960, 3.3544, 91.0361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 166.2150, 10.7400, 8.5814 looks on a white background.

Color Contrast Check

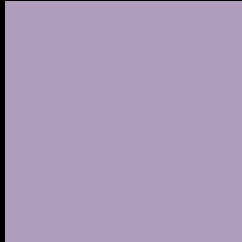
Large Text (above 18pt) WCAG AA × Fail

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 166.2150, 10.7400, 8.5814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

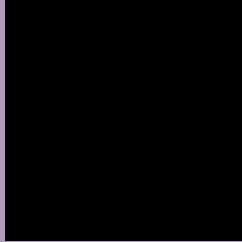
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2150, 10.7400, 8.5814

Background



This preview shows how black text looks on a background with the YUV color 166.2150, 10.7400, 8.5814.



This preview shows how white text looks on a background with the YUV color 166.2150, 10.7400,

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

166.2150, 10.7400, 8.5814

Protanopia

164.2240, 13.6936, -5.4584

Deuteranopia

165.7690, 10.4669, 2.8336



Tritanopia

165.5540, 3.1779, 7.4071

Trichromacy



Original Color

166.2150, 10.7400, 8.5814

Protanomaly

165.0290, 12.8037, -0.0254

Deuteranomaly

166.0790, 10.3141, 5.1927

Tritanomaly

165.9500, 5.9407, 7.9369

Monochromacy



Original Color

166.2150, 10.7400, 8.5814

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3470, 3.7729, 3.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2150, 10.7400, 8.5814 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, 157, 188)` looks like.

```
.text, #text, p{  
    color:rgb(176, 157, 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(176, 157, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 157, 188) }
```

Border

The CSS property to change the border of an element to YUV 166.2150, 10.7400, 8.5814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

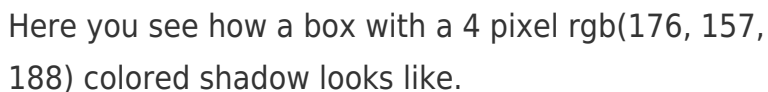
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 157, 188) }
```


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

```
.border{ border-color:rgb(176, 157, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 157, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 157, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 157, 188);  
box-shadow:4px 4px 4px 4px rgb(176, 157,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 166.2150, 10.7400, 8.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 157, 188) }
```

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

```
.background{ background-color: rgb(176,  
157, 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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