

Converting Colors

YUV(166.6150, 0.6828, 14.3696)

Have a look what the booklet for
YUV(166.6150, 0.6828, 14.3696)
contains.

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Color

**YUV(166.6150, 0.6828,
14.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	B79EA8
RGB	183, 158, 168
RGB Percent	72%, 62%, 66%
CMY	0.2824, 0.3804, 0.3412
CMYK	0.00, 0.14, 0.08, 0.28
HSL	336°, 15%, 67%
HSV	336°, 14%, 72%
XYZ	38.8232, 37.3482, 42.2085
YIQ	166.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

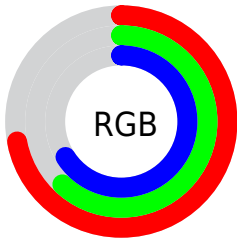
Format	Color
R_{YB}	183, 158, 168
Decimal	12033704
CIE _{Lab}	67.54, 10.91, -1.80
CIE _{LCh}	68, 11.055, 350.636
Yxy	37.3482, 0.3280, 0.3155
Android (android.graphics.Color)	4290223784 (0xFFB79EA8)
YUV	166.6150, 0.6828, 14.3696
Hunter-Lab	61.1131, 6.4472, 1.8299

Details

The YUV color $166.6150, 0.6828, 14.3696$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $174.3850, -0.6828, -14.3696$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.9140, 0.5354, 14.9844$, and $114.9030, 0.5408, 13.2401$ is the 20% darker color. If you saturate the color by 10%, you get $154.7950, 1.0871, 24.7358$, and if you desaturate by 10%, it is $178.4350, 0.2785, 4.0035$.

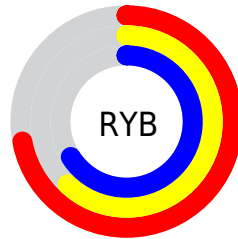
Distribution



Red (72%)

Green (62%)

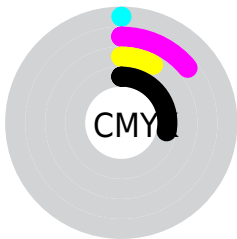
Blue (66%)



Red (72%)

Yellow (62%)

Blue (66%)

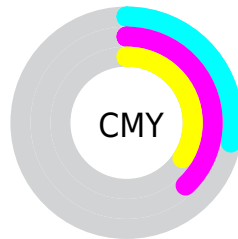


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.6150, 0.6828, 14.3696 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 166.6150, 0.6828, 14.3696 by changing the saturation by 10% instead.


 166.6150, 0.6828,
14.3696

 166.6150, 0.6828,
14.3696


255.0000, 0.0000,
0.0000

 140.3160, 0.8302,
13.7549

 221.9140, 0.5354,
14.9844

 114.9030, 0.5408,
13.2401

 246.4400, 2.7411,
7.5071

 89.9030, 0.5408,
13.2401

 66.3050, 0.8356,
12.0105

 44.0060, 0.9830,
11.3957

 23.2940, 0.8411,
10.2662

 0.2990, -0.1474,

0.6148

■ 0.0000, 0.0000,
0.0000

■ 166.6150, 0.6828,
14.3696

■ 166.6150, 0.6828,
14.3696

■ 154.7950, 1.0871,
24.7358

■ 178.4350, 0.2785,
4.0035

■ 142.3880, 1.7807,
35.6167

■ 190.8420, -0.4151,
-6.8774

■ 130.5680, 2.1850,
45.9829

■ 202.6620, -0.8194,
-17.2436

■ 118.7480, 2.5892,
56.3490

■ 214.4820, -1.2236,
-27.6097

■ 106.9280, 2.9935,
66.7151

■ 226.8890, -1.9173,
-38.4907

■ 94.5210, 3.6871,
77.5961

■ 231.0780, 1.4405,
-42.1644

■ 82.7010, 4.0914,
87.9622

■ 232.3320, 6.2453,
-43.2642

■ 70.8810, 4.4957,
98.3284

■ 233.4720, 10.6133,
-44.2639

■ 63.0390, 4.9108,
105.2058

Harmonies

Analogous

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



166.4230, 5.2145, 7.5220



166.6150, 0.6828, 14.3696



166.3720, -4.1274, 17.2138

Triad

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



166.6150, 0.6828, 14.3696



163.4210, -8.5886, 1.3848



162.0670, 8.3480, -17.5988

Complementary

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



166.6150, 0.6828, 14.3696



174.3850, -0.6828, -14.3696

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.



161.1440, 4.8590, -18.5433



166.6150, 0.6828, 14.3696



162.5770, -5.2145, -7.5220

Square

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



166.6150, 0.6828, 14.3696



164.8350, -9.7787, 9.7917



161.2000, -0.0986, -15.0844



163.2680, 10.2209, -11.6360

Rectangle

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



166.6150, 0.6828, 14.3696



165.9760, -6.8902, 16.6840



161.2000, -0.0986, -15.0844



161.8280, 7.4798, -19.1432

Sweetspot

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



166.6150, 0.6828, 14.3696



231.0330, -0.0163, 5.2331



165.3350, 8.7088, 6.7222



116.0220, -0.0108, 3.4887



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



166.6150, 0.6828, 14.3696



212.0720, 0.9505, 21.8619



167.2360, -4.5533, 13.8250



86.0330, -0.0163, 5.2331



53.7120, 4.0860, 89.7066



9.6260, 0.6774, 16.1140

Inverse Universe

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



166.6150, 0.6828, 14.3696



212.0720, 0.9505, 21.8619



173.7640, 4.5533, -13.8250



86.0330, -0.0163, 5.2331



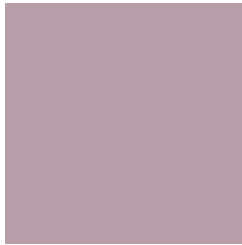
53.7120, 4.0860, 89.7066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 166.6150, 0.6828, 14.3696 looks on a white background.

Color Contrast Check

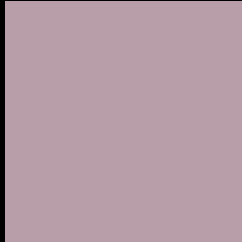
Large Text (above 18pt) WCAG AA × Fail

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 166.6150, 0.6828, 14.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

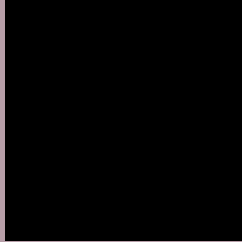
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.6150, 0.6828, 14.3696

Background



This preview shows how black text looks on a background with the YUV color 166.6150, 0.6828, 14.3696.



This preview shows how white text looks on a background with the YUV color 166.6150, 0.6828,

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

166.6150, 0.6828, 14.3696

Protanopia

165.3960, 2.7628, 0.5297

Deuteranopia

166.0060, 0.9830, 11.3957



Tritanopia

166.8430, 1.5564, 14.1697

Trichromacy



Original Color

166.6150, 0.6828, 14.3696

Protanomaly

165.9020, 2.0203, 5.3479

Deuteranomaly

166.3050, 0.8356, 12.0105

Tritanomaly

166.7290, 1.1196, 14.2697

Monochromacy



Original Color

166.6150, 0.6828, 14.3696

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0330, -0.0163, 5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6150, 0.6828, 14.3696 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(183, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(183, 158, 168)  
}
```

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(183, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 158, 168) }
```

Border

The CSS property to change the border of an element to YUV 166.6150, 0.6828, 14.3696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

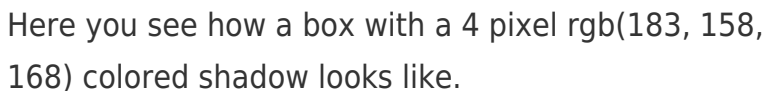
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 158, 168) }
```


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

```
.border{ border-color:rgb(183, 158, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 158, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 158, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 158, 168);  
box-shadow:4px 4px 4px 4px rgb(183, 158,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 166.6150, 0.6828, 14.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 158, 168) }
```

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

```
.background{ background-color: rgb(183,  
158, 168) }
```

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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