

Converting Colors

YUV(165.8110, 0.0932, 16.8288)

Have a look what the booklet for
YUV(165.8110, 0.0932, 16.8288)
contains.

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Color

**YUV(165.8110, 0.0932,
16.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	B99CA6
RGB	185, 156, 166
RGB Percent	73%, 61%, 65%
CMY	0.2745, 0.3882, 0.3490
CMYK	0.00, 0.16, 0.10, 0.27
HSL	339°, 17%, 67%
HSV	339°, 16%, 73%
XYZ	38.7790, 36.8444, 41.1442
YIQ	165.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

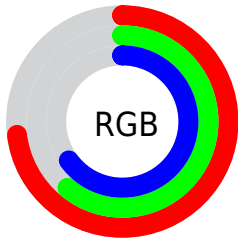
Format	Color
RYB	185, 156, 166
Decimal	12164262
CIELab	67.16, 12.39, -1.21
CIELCh	67, 12.453, 354.410
Yxy	36.8444, 0.3321, 0.3155
Android (android.graphics.Color)	4290354342 (0xFFB99CA6)
YUV	165.8110, 0.0932, 16.8288
Hunter-Lab	60.6996, 7.8136, 2.3010

Details

The YUV color $165.8110, 0.0932, 16.8288$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $175.1890, -0.0932, -16.8288$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.1100, -0.0542, 17.4435$, and $114.0990, -0.0488, 15.6992$ is the 20% darker color. If you saturate the color by 10%, you get $153.8770, 0.0606, 27.2949$, and if you desaturate by 10%, it is $178.3320, -0.1637, 5.8478$.

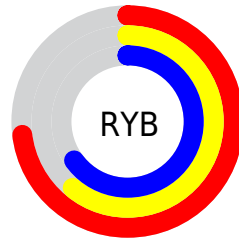
Distribution



Red (73%)

Green (61%)

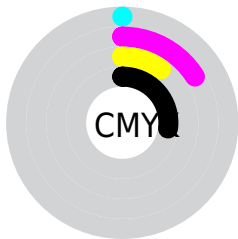
Blue (65%)



Red (73%)

Yellow (61%)

Blue (65%)

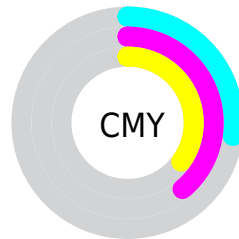


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.8110, 0.0932, 16.8288 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 165.8110, 0.0932, 16.8288 by changing the saturation by 10% instead.


 165.8110, 0.0932,
16.8288


 165.8110, 0.0932,
16.8288


255.0000, 0.0000,
0.0000


 139.5120, 0.2406,
16.2140

 221.1100, -0.0542,
17.4435

 114.0990, -0.0488,
15.6992

 245.0380, 2.4463,
8.7367

 89.5010, 0.2460,
14.4696

 65.5010, 0.2460,
14.4696

 43.4900, 0.2514,
12.7253

 22.3050, 0.8356,
12.0105

 0.0000, 0.0000,

0.0000

■ 165.8110, 0.0932,
16.8288

■ 165.8110, 0.0932,
16.8288

■ 153.8770, 0.0606,
27.2949

■ 178.3320, -0.1637,
5.8478

■ 141.3560, 0.3175,
38.2758

■ 190.2660, -0.1311,
-4.6183

■ 129.4220, 0.2850,
48.7419

■ 202.7870, -0.3880,
-15.5992

■ 116.9010, 0.5418,
59.7228

■ 214.7210, -0.3555,
-26.0653

■ 104.8530, 0.0725,
70.2889

■ 227.3560, -0.1755,
-37.1462

■ 92.3320, 0.3293,
81.2698

■ 232.2460, 3.3297,
-41.4347

■ 80.3980, 0.2968,
91.7360

■ 233.6140, 8.5713,
-42.6345

■ 67.8770, 0.5536,
102.7169

■ 234.0700, 10.3185,
-43.0344

■ 62.6110, 0.6848,
107.3352

Harmonies

Analogous

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



165.5480, 5.6458, 9.1664



165.8110, 0.0932, 16.8288



165.4540, -5.1538, 19.7728

Triad

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



165.8110, 0.0932, 16.8288



162.4810, -9.6041, 0.4552



160.5120, 10.1006, -19.7430

Complementary

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



165.8110, 0.0932, 16.8288



175.1890, -0.0932, -16.8288

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.



159.7630, 6.0328, -21.7172



165.8110, 0.0932, 16.8288



160.5660, -5.2090, -9.2664

Square

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



165.8110, 0.0932, 16.8288



163.4930, -11.0890, 10.0916



159.7050, 0.6384, -18.1583



162.4960, 11.0945, -11.8360

Rectangle

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



165.8110, 0.0932, 16.8288



165.2320, -8.4954, 18.2135



159.7050, 0.6384, -18.1583



160.2730, 9.2324, -21.2874

Sweetspot

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



165.8110, 0.0932, 16.8288



232.0440, -0.0217, 6.9774



164.9870, 9.8664, 8.7814



115.3210, -0.1583, 4.1035



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.



165.8110, 0.0932, 16.8288



209.5780, 0.2080, 26.6801



167.0190, -5.4324, 15.7693



86.0330, -0.0163, 5.2331



52.8000, 0.5916, 90.5064



9.5120, 0.2406, 16.2140

Inverse Universe

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



165.8110, 0.0932, 16.8288



209.5780, 0.2080, 26.6801



173.9810, 5.4324, -15.7693



86.0330, -0.0163, 5.2331



52.8000, 0.5916, 90.5064



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 165.8110, 0.0932, 16.8288 looks on a white background.

Color Contrast Check

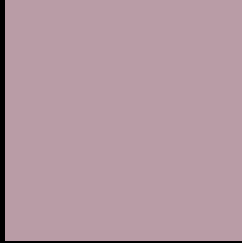
Large Text (above 18pt) WCAG AA × Fail

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 165.8110, 0.0932, 16.8288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

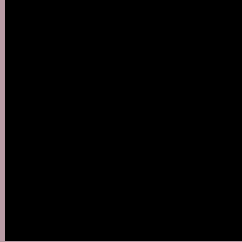
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.8110, 0.0932, 16.8288

Background



This preview shows how black text looks on a background with the YUV color 165.8110, 0.0932, 16.8288.



This preview shows how white text looks on a background with the YUV color 165.8110, 0.0932,

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

165.8110, 0.0932, 16.8288

Protanopia

164.3960, 2.7628, 0.5297

Deuteranopia

164.8920, 0.5462, 11.4957



Tritanopia

166.0390, 0.9668, 16.6288

Trichromacy



Original Color

165.8110, 0.0932, 16.8288

Protanomaly

164.6140, 2.1623, 6.4775

Deuteranomaly

165.2020, 0.3934, 13.8548

Tritanomaly

165.9250, 0.5300, 16.7288

Monochromacy



Original Color

165.8110, 0.0932, 16.8288

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.7450, 0.1257, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8110, 0.0932, 16.8288 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(185, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(185, 156, 166)  
}
```

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(185, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 156, 166) }
```

Border

The CSS property to change the border of an element to YUV 165.8110, 0.0932, 16.8288 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(185, 156, 166) }
```


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

```
.border{ border-color:rgb(185, 156, 166) }
```

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

Here you see how a box with a 4 pixel rgb(185, 156, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(185, 156,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 165.8110, 0.0932, 16.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 156, 166) }
```

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

```
.background{ background-color: rgb(185,  
156, 166) }
```

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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