

Converting Colors

YUV(165.5980, -0.2948, 1.2296)

Have a look what the booklet for
YUV(165.5980, -0.2948, 1.2296)
contains.

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Color

**YUV(165.5980, -0.2948,
1.2296)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A5A5
RGB	167, 165, 165
RGB Percent	65%, 65%, 65%
CMY	0.3451, 0.3529, 0.3529
CMYK	0.00, 0.01, 0.01, 0.35
HSL	0°, 1%, 65%
HSV	0°, 1%, 65%
XYZ	36.1830, 37.8424, 40.9946
YIQ	165.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

Format	Color
RYB	167, 165, 165
Decimal	10986917
CIELab	67.90, 0.72, 0.25
CIElCh	68, 0.760, 18.843
Yxy	37.8424, 0.3146, 0.3290
Android (android.graphics.Color)	4289176997 (0xFFA7A5A5)
YUV	165.5980, -0.2948, 1.2296
Hunter-Lab	61.5162, -2.6618, 3.5503

Details

The YUV color **165.5980, -0.2948, 1.2296** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166.4020, 0.2948, -1.2296**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5980, -0.2948, 1.2296**, and **113.5980, -0.2948, 1.2296** is the 20% darker color. If you saturate the color by 10%, you get **153.6810, -2.8007, 11.6808**, and if you desaturate by 10%, it is **177.5150, 2.2111, -9.2217**.

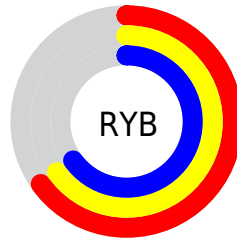
Distribution



Red (65%)

Green (65%)

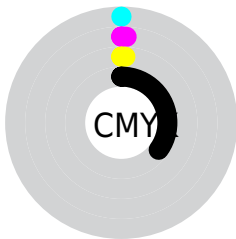
Blue (65%)



Red (65%)

Yellow (65%)

Blue (65%)

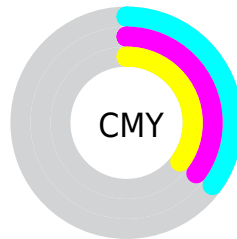


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5980, -0.2948, 1.2296 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 165.5980, -0.2948, 1.2296 by changing the saturation by 10% instead.

■ 165.5980, -0.2948,
1.2296

■ 165.5980, -0.2948,
1.2296

255.0000, 0.0000,
0.0000

■ 139.5980, -0.2948,
1.2296

■ 220.5980, -0.2948,
1.2296

■ 113.5980, -0.2948,
1.2296

■ 248.8970, -0.4422,
1.8443

■ 89.5980, -0.2948,
1.2296

■ 65.5980, -0.2948,
1.2296

■ 43.5980, -0.2948,
1.2296

■ 23.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,

0.0000

■ 165.5980, -0.2948,
1.2296

■ 165.5980, -0.2948,
1.2296

■ 153.6810, -2.8007,
11.6808

■ 177.5150, 2.2111,
-9.2217

■ 142.4650, -5.1592,
21.5172

■ 188.7310, 4.5696,
-19.0581

■ 130.5480, -7.6652,
31.9684

■ 200.6480, 7.0755,
-29.5093

■ 118.6310,
-10.1711, 42.4196

■ 212.5650, 9.5815,
-39.9605

■ 107.4150,
-12.5296, 52.2560

■ 224.4820, 12.0874,
-50.4117

■ 95.4980, -15.0355,
62.7073

■ 228.6880, 12.9718,
-54.1004

■ 83.5810, -17.5414,
73.1585

■ 71.6640, -20.0474,
83.6097

■ 60.4480, -22.4059,
93.4461

Harmonies

Analogous

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



165.7120, 0.1420, 1.1296



165.5980, -0.2948, 1.2296



165.4840, -0.7316, 1.3295

Triad

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



165.5980, -0.2948, 1.2296



165.5870, -0.2894, -0.5148



165.8150, 0.5842, -0.7148

Complementary

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



165.5980, -0.2948, 1.2296



166.4020, 0.2948, -1.2296

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.



165.4020, 0.2948, -1.2296



165.5980, -0.2948, 1.2296



165.2880, -0.1420, -1.1296

Square

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



165.5980, -0.2948, 1.2296



165.7720, -0.8736, 0.2000



165.4020, 0.2948, -1.2296



165.2280, 0.8736, -0.2000

Rectangle

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



165.5980, -0.2948, 1.2296



165.4840, -0.7316, 1.3295



165.4020, 0.2948, -1.2296



165.5160, 0.7316, -1.3295

Sweetspot

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



165.5980, -0.2948, 1.2296



217.0000, 0.0000, 0.0000



165.8260, 0.5788, 1.0296



110.0000, 0.0000, 0.0000



237.0000, 0.0000, 0.0000

Same Dimension

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



165.5980, -0.2948, 1.2296



215.5980, -0.2948, 1.2296



166.1850, -0.5842, 0.7148



83.2990, -0.1474, 0.6148



44.2520, -21.8162, 90.9870



5.9800, -2.9481, 12.2955

Inverse Universe

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



166.4020, 0.2948, -1.2296



216.4020, 0.2948, -1.2296



165.8150, 0.5842, -0.7148



83.7010, 0.1474, -0.6148



103.7480, 21.8162, -90.9870



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 165.5980, -0.2948, 1.2296 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 165.5980, -0.2948, 1.2296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

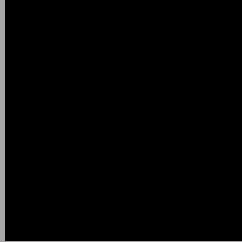
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

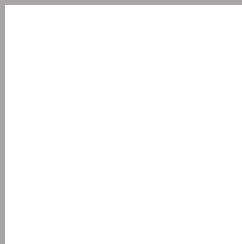
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.5980, -0.2948, 1.2296

Background



This preview shows how black text looks on a background with the YUV color 165.5980, -0.2948, 1.2296.

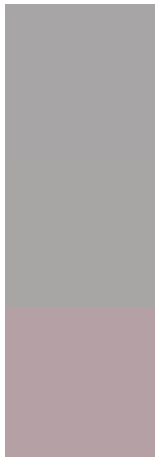


This preview shows how white text looks on a background with the YUV color 165.5980, -0.2948,

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

165.5980, -0.2948, 1.2296

Protanopia

165.8970, -0.4422, 1.8443

Deuteranopia

166.9630, -0.4748, 12.3104



Tritanopia

166.2760, 4.7939, 2.3889

Trichromacy



Original Color

165.5980, -0.2948, 1.2296

Protanomaly

165.8970, -0.4422, 1.8443

Deuteranomaly

166.6420, -0.3165, 8.2070

Tritanomaly

166.1080, 2.9048, 1.6593

Monochromacy



Original Color

165.5980, -0.2948, 1.2296

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5980, -0.2948, 1.2296 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(167, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 165, 165)  
}
```

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(167, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 165, 165) }
```

Border

The CSS property to change the border of an element to YUV 165.5980, -0.2948, 1.2296 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(167, 165, 165) }
```

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

```
.border{ border-color:rgb(167, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(167, 165,  
165) }
```


Background

The CSS property to change the background color of an element to YUV 165.5980, -0.2948, 1.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 165, 165) }
```

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

```
.background{ background-color: rgb(167,  
165, 165) }
```

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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