

Converting Colors

XYZ(30.9417, 29.3875, 34.9326)

Have a look what the booklet for
XYZ(30.9417, 29.3875, 34.9326)
contains.

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Color

**XYZ(30.9583, 29.4156,
35.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	A58D9B
RGB	165, 141, 155
RGB Percent	65%, 55%, 61%
CMY	0.3529, 0.4470, 0.3922
CMYK	0.00, 0.15, 0.06, 0.35
HSL	325°, 12%, 60%
HSV	325°, 15%, 65%
XYZ	30.9583, 29.4156, 35.0565
YIQ	149.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

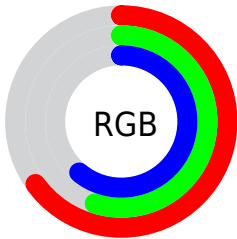
Format	Color
RYB	165, 141, 155
Decimal	10849691
CIELab	61.15, 11.49, -4.07
CIElCh	61, 12.189, 340.514
Yxy	29.4156, 0.3244, 0.3082
Android (android.graphics.Color)	4289039771 (0xFFA58D9B)
YUV	149.7720, 2.5774, 13.3550
Hunter-Lab	54.2362, 6.9755, -0.3578

Details

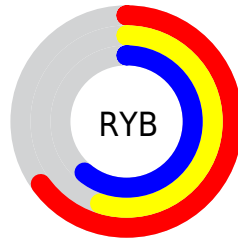
The XYZ color **30.9583, 29.4156, 35.0565** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0266, 34.8081, 34.4157**, and the grayscale version is **28.8800, 30.3840, 33.0882**.

A 20% lighter version of the original color is **60.5389, 58.8493, 68.4899**, and **13.0498, 11.9924, 14.7237** is the 20% darker color. If you saturate the color by 10%, you get **28.1434, 24.6834, 31.3501**, and if you desaturate by 10%, it is **34.1703, 34.8885, 39.0582**.

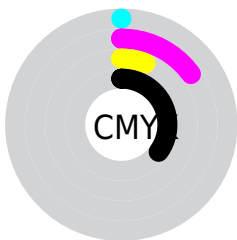
Distribution



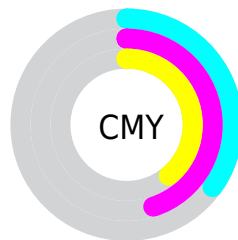
- Red (65%)
- Green (55%)
- Blue (61%)



- Red (65%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9583, 29.4156, 35.0565 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 XYZ color 30.9583, 29.4156, 35.0565 by changing the saturation by 10% instead.

■ 30.9583, 29.4156,
35.0565

■ 30.9583, 29.4156,
35.0565

298.1765,
299.1709, 339.7295

■ 20.7188, 19.3954,
23.4225

■ 60.5507, 58.7367,
68.7258

■ 13.0299, 11.9564,
14.6976

■ 80.6343, 78.8065,
91.5983

■ 7.5263, 6.7140,
8.4631

■ 104.7299,
102.9950, 119.0539

■ 3.8426, 3.2839,
4.3007

133.2030,
131.6864, 151.5114

■ 1.6135, 1.2817,
1.7917

166.4188,
165.2654, 189.3891

■ 0.4012, 0.1269,
0.4225

204.7428,

■ 0.0000, 0.0000,

204.1162, 233.1056

0.0000

248.5402,
248.6232, 283.0796

■ 30.9583, 29.4156,
35.0565

■ 30.9583, 29.4156,
35.0565

■ 28.1434, 24.6834,
31.3501

■ 34.1703, 34.8885,
39.0582

■ 25.7065, 20.6558,
27.9289

■ 37.7923, 41.1283,
43.3611

■ 23.6307, 17.2997,
24.7849

■ 41.8398, 48.1650,
47.9733

■ 21.8969, 14.5774,
21.9090

■ 46.3267, 56.0254,
52.9018

■ 20.4839, 12.4478,
19.2911

■ 51.2664, 64.7353,
58.1536

■ 19.3682, 10.8647,
16.9204

■ 56.6715, 74.3193,
63.7352

■ 18.5228, 9.7752,
14.7849

■ 62.0724, 83.8375,
69.4926

■ 17.9150, 9.1149,
12.8705

■ 62.9109, 84.1729,
73.9085

■ 17.6398, 8.8484,
11.9034

■ 63.7863, 84.5231,
78.5182

Harmonies

Analogous

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



30.0038, 29.4156, 39.1998



30.9583, 29.4156, 35.0565



31.0917, 29.4156, 30.4487

Triad

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



30.9583, 29.4156, 35.0565



27.4014, 29.4156, 24.1280



25.6858, 29.4156, 38.0958

Complementary

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



30.9583, 29.4156, 35.0565



30.0266, 34.8081, 34.4157

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.



25.0434, 29.4156, 33.6622



30.9583, 29.4156, 35.0565



26.0086, 29.4156, 25.7901

Square

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



30.9583, 29.4156, 35.0565



28.9968, 29.4156, 24.4244



25.1593, 29.4156, 29.1802



26.9455, 29.4156, 41.0670

Rectangle

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



30.9583, 29.4156, 35.0565



30.6918, 29.4156, 27.7627



25.1593, 29.4156, 29.1802



25.3927, 29.4156, 36.7105

Sweetspot

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



30.9591, 29.4169, 35.0571



61.4843, 62.9765, 70.3000



29.0800, 28.3471, 39.5366



13.3448, 13.6019, 15.2513



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.9591, 29.4169, 35.0571



53.9796, 50.2067, 60.8945



30.0009, 29.0336, 30.0108



7.2389, 7.1520, 8.2443



13.3699, 6.7040, 9.1382



0.3037, 0.1500, 0.3120

Inverse Universe

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



30.9591, 29.4169, 35.0571



53.9796, 50.2067, 60.8945



31.0514, 35.2180, 39.8120



7.2389, 7.1520, 8.2443



13.3699, 6.7040, 9.1382



0.3037, 0.1500, 0.3120

Previews

White Background



This preview shows how the XYZ color 30.9583, 29.4156, 35.0565 looks on a white background.

Color Contrast Check

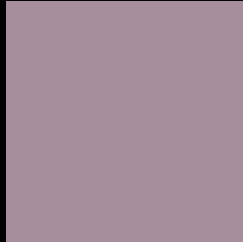
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.9583, 29.4156, 35.0565 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 × Fail

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

XYZ 30.9583, 29.4156, 35.0565

Background



This preview shows how black text looks on a background with the XYZ color 30.9583, 29.4156, 35.0565.



This preview shows how white text looks on a background with the XYZ color 30.9583, 29.4156,

35.0565.

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

30.9583, 29.4156, 35.0565

Protanopia

28.7243, 29.5737, 36.9952

Deuteranopia

30.0369, 29.3824, 35.0986



Tritanopia

30.7094, 29.3161, 33.7458

Trichromacy



Original Color

30.9583, 29.4156, 35.0565

Protanomaly

29.6234, 29.5894, 36.4978

Deuteranomaly

30.2873, 29.2896, 35.0675

Tritanomaly

30.7917, 29.3490, 34.1790

Monochromacy



Original Color

30.9583, 29.4156, 35.0565

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.6188, 30.1030, 33.9551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9583, 29.4156, 35.0565 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(165, 141, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 155)  
}
```

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(165, 141, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.9583, 29.4156, 35.0565 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(165, 141, 155) }
```


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

```
.border{ border-color:rgb(165, 141, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9583, 29.4156, 35.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 155) }
```

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

```
.background{ background-color: rgb(165,  
141, 155) }
```

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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