

Converting Colors

XYZ(35.9356, 29.6292, 33.6185)

Have a look what the booklet for
XYZ(35.9356, 29.6292, 33.6185)
contains.

XYZ(35.8983, 29.7016, 33.5467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.8983, 29.7016,
33.5467)**

Conversions

Conversions Part 1

Format	Color
Hex	C28298
RGB	194, 130, 152
RGB Percent	76%, 51%, 60%
CMY	0.2392, 0.4902, 0.4039
CMYK	0.00, 0.33, 0.22, 0.24
HSL	339°, 34%, 64%
HSV	339°, 33%, 76%
XYZ	35.8983, 29.7016, 33.5467
YIQ	151.6440, 31.0820, 20.4100

Conversions

Conversions Part 2

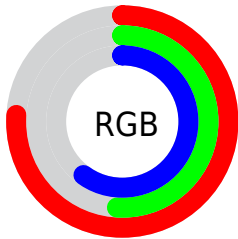
Format	Color
RYB	194, 130, 152
Decimal	12747416
CIELab	61.40, 27.82, -1.64
CIELCh	61, 27.868, 356.627
Yxy	29.7016, 0.3621, 0.2996
Android (android.graphics.Color)	4290937496 (0xFFC28298)
YUV	151.6440, 0.1755, 37.1462
Hunter-Lab	54.4992, 22.2034, 1.6538

Details

The XYZ color **35.8983, 29.7016, 33.5467** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9454, 46.3088, 46.0760**, and the grayscale version is **29.6823, 31.2281, 34.0074**.

A 20% lighter version of the original color is **68.4260, 59.4327, 66.2577**, and **15.8651, 12.1659, 13.8240** is the 20% darker color. If you saturate the color by 10%, you get **32.5696, 24.6242, 27.5655**, and if you desaturate by 10%, it is **39.8272, 35.7995, 40.2809**.

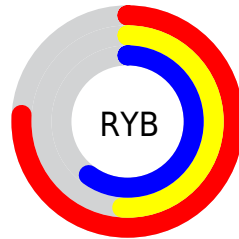
Distribution



Red (76%)

Green (51%)

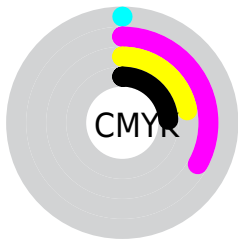
Blue (60%)



Red (76%)

Yellow (51%)

Blue (60%)

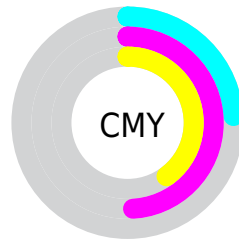


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8983, 29.7016, 33.5467 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 35.8983, 29.7016, 33.5467 by changing the saturation by 10% instead.


 35.8983, 29.7016,
33.5467


 35.8983, 29.7016,
33.5467


319.9548,
300.5111, 332.8133


 24.5254, 19.6122,
22.2710


 68.2000, 59.1900,
66.3539

 15.8507, 12.1135,
13.8560


 89.8594, 79.3577,
88.7226

 9.5087, 6.8210,
7.8830


 115.6785,
103.6537, 115.6260

 5.1342, 3.3504,
3.9334

146.0225,
132.4623, 147.4827

 2.3618, 1.3173,
1.5889

181.2567,
166.1680, 184.7113

 0.8260, 0.1545,
0.2829

221.7467,

 0.0000, 0.0000,

205.1551, 227.7302

0.0000

267.8576,
249.8079, 276.9580

■ 35.8983, 29.7016,
33.5467

■ 35.8983, 29.7016,
33.5467

■ 32.5696, 24.6242,
27.5655

■ 39.8272, 35.7995,
40.2809

■ 29.8075, 20.5069,
22.3079

■ 44.3823, 42.9657,
47.7924

■ 27.5792, 17.2894,
17.7450


■ 49.5912, 51.2498,
56.1067


■ 25.8470, 14.9027,
13.8448


■ 55.4790, 60.6972,
65.2473


■ 24.5679, 13.2676,
10.5727

■ 62.0697, 71.3508,
75.2369


 23.6910, 12.2893,
7.8898

 69.3857, 83.2510,
86.0973

 23.2518, 11.8708,
6.3258

 73.9042, 89.3478,
96.6679

 75.8748, 90.1360,
107.0451

 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



34.5604, 29.7016, 44.8149



35.8983, 29.7016, 33.5467



35.0389, 29.7016, 24.0825

Triad

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



35.8983, 29.7016, 33.5467



25.1769, 29.7016, 17.3984



24.5149, 29.7016, 52.3832

Complementary

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



35.8983, 29.7016, 33.5467



35.9454, 46.3088, 46.0760

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.



22.3666, 29.7016, 42.2974



35.8983, 29.7016, 33.5467



22.7249, 29.7016, 22.4258

Square

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



35.8983, 29.7016, 33.5467



28.6487, 29.7016, 16.0372



21.7406, 29.7016, 31.1626



27.8163, 29.7016, 57.0763

Rectangle

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



35.8983, 29.7016, 33.5467



33.3731, 29.7016, 19.7345



21.7406, 29.7016, 31.1626



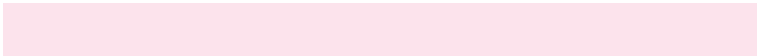
23.6453, 29.7016, 49.4171

Sweetspot

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



35.8991, 29.7030, 33.5473



82.9564, 81.8792, 90.6990



34.6470, 28.5873, 54.7311



17.8813, 17.4782, 19.4026



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.8991, 29.7030, 33.5473



60.3323, 46.6171, 52.3718



35.5982, 31.7220, 25.3675



10.2129, 10.1338, 11.2117



15.3223, 7.8187, 4.3434



0.6947, 0.3509, 0.3598

Inverse Universe

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



35.8991, 29.7030, 33.5473



60.3323, 46.6171, 52.3718



36.1683, 43.0892, 57.4501



10.2129, 10.1338, 11.2117



15.3223, 7.8187, 4.3434



0.6947, 0.3509, 0.3598

Previews

White Background



This preview shows how the XYZ color 35.8983, 29.7016, 33.5467 looks on a white background.

Color Contrast Check

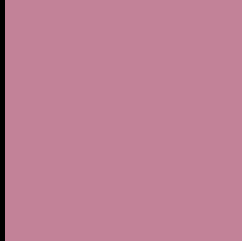
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8983, 29.7016, 33.5467 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 35.8983, 29.7016, 33.5467

Background



This preview shows how black text looks on a background with the XYZ color 35.8983, 29.7016, 33.5467.



This preview shows how white text looks on a background with the XYZ color 35.8983, 29.7016,

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

35.8983, 29.7016, 33.5467

Protanopia

29.2334, 30.0272, 38.9054

Deuteranopia

30.2984, 29.7978, 32.5884



Tritanopia

35.1261, 29.7930, 29.4905

Trichromacy



Original Color

35.8983, 29.7016, 33.5467

Protanomaly

31.0927, 29.4455, 36.8457

Deuteranomaly

32.1932, 29.6659, 32.8835

Tritanomaly

35.2969, 29.6454, 31.0559

Monochromacy



Original Color

35.8983, 29.7016, 33.5467

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.5771, 30.4290, 33.9149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8983, 29.7016, 33.5467 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(194, 130, 152)` looks like.

```
.text, #text, p{  
    color:rgb(194, 130, 152)  
}
```

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(194, 130, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 130, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.8983, 29.7016, 33.5467 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(194, 130, 152) }
```


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

```
.border{ border-color:rgb(194, 130, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 130, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 130, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 130, 152);  
box-shadow:4px 4px 4px 4px rgb(194, 130,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8983, 29.7016, 33.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 130, 152) }
```

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

```
.background{ background-color: rgb(194,  
130, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor