

Converting Colors

XYZ(35.9415, 29.4952, 36.4865)

Have a look what the booklet for
XYZ(35.9415, 29.4952, 36.4865)
contains.

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Color

**XYZ(35.8465, 29.4102,
36.5883)**

Conversions

Conversions Part 1

Format	Color
Hex	C0819F
RGB	192, 129, 159
RGB Percent	75%, 51%, 62%
CMY	0.2471, 0.4941, 0.3765
CMYK	0.00, 0.33, 0.17, 0.25
HSL	331°, 33%, 63%
HSV	331°, 33%, 75%
XYZ	35.8465, 29.4102, 36.5883
YIQ	151.2570, 27.9180, 22.6860

Conversions

Conversions Part 2

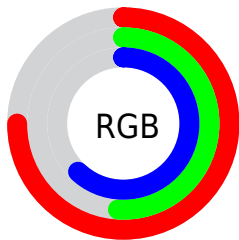
Format	Color
R_{YB}	192, 129, 159
Decimal	12616095
CIE _{Lab}	61.14, 28.74, -6.04
CIE _{LCh}	61, 29.368, 348.127
Yxy	29.4102, 0.3520, 0.2888
Android (android.graphics.Color)	4290806175 (0xFFC0819F)
YUV	151.2570, 3.8173, 35.7316
Hunter-Lab	54.2312, 23.0829, -2.0395

Details

The XYZ color **35.8465, 29.4102, 36.5883** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.4258, 44.9758, 41.0513**, and the grayscale version is **29.5020, 31.0384, 33.8008**.

A 20% lighter version of the original color is **68.1380, 58.8617, 71.3885**, and **15.8193, 11.9930, 15.6685** is the 20% darker color. If you saturate the color by 10%, you get **32.7135, 24.4844, 31.4117**, and if you desaturate by 10%, it is **39.5274, 35.3175, 42.2986**.

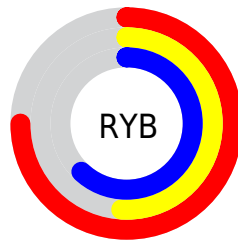
Distribution



Red (75%)

Green (51%)

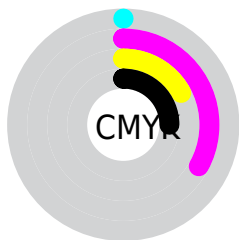
Blue (62%)



Red (75%)

Yellow (51%)

Blue (62%)

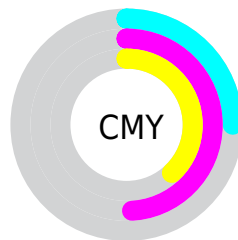


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8465, 29.4102, 36.5883 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 35.8465, 29.4102, 36.5883 by changing the saturation by 10% instead.


 35.8465, 29.4102,
36.5883


 35.8465, 29.4102,
36.5883

319.7321,
299.1455, 346.6395


 24.4852, 19.3913,
24.5956


 68.1205, 58.7282,
71.1184

 15.8206, 11.9534,
15.5598

 89.7639, 78.7961,
94.4928

 9.4874, 6.7120,
9.0622


 115.5655,
102.9825, 122.4983

 5.1201, 3.2826,
4.6844

145.8905,
131.6718, 155.5533

 2.3534, 1.2810,
2.0078

181.1043,
165.2483, 194.0764

 0.8218, 0.1264,
0.5601

221.5722,

 0.0000, 0.0000,

204.0965, 238.4861

0.0000

267.6597,
248.6008, 289.2009

■ 35.8465, 29.4102,
36.5883

■ 35.8465, 29.4102,
36.5883

■ 32.7135, 24.4844,
31.4117

■ 39.5274, 35.3175,
42.2986

■ 30.0976, 20.4820,
26.7493

■ 43.7799, 42.2520,
48.5576

■ 27.9684, 17.3451,
22.5826


■ 48.6292, 50.2615,
55.3817


■ 26.2915, 15.0072,
18.8913


■ 54.0985, 59.3897,
62.7862


■ 25.0272, 13.3924,
15.6527


■ 60.2095, 69.6776,
70.7856


 24.1284, 12.4096,
12.8415

 66.9828, 81.1643,
79.3938

 23.6450, 11.9692,
11.0575

 71.6979, 88.4064,
87.7110

 73.1469, 88.9859,
95.3412

 74.6786, 89.5986,
103.4073

Harmonies

Analogous

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



33.8396, 29.4102, 48.3712



35.8465, 29.4102, 36.5883



35.6002, 29.4102, 25.8659

Triad

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



35.8465, 29.4102, 36.5883



25.7118, 29.4102, 15.7974



23.2953, 29.4102, 50.5578

Complementary

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



35.8465, 29.4102, 36.5883



34.4258, 44.9758, 41.0513

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.



21.4886, 29.4102, 39.0864



35.8465, 29.4102, 36.5883



22.7929, 29.4102, 19.8479

Square

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



35.8465, 29.4102, 36.5883



29.5053, 29.4102, 15.4264



21.3136, 29.4102, 27.8537



26.4571, 29.4102, 57.5905

Rectangle

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



35.8465, 29.4102, 36.5883



34.1943, 29.4102, 20.6301



21.3136, 29.4102, 27.8537



22.5224, 29.4102, 46.9863

Sweetspot

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



35.8474, 29.4116, 36.5889



81.5476, 80.2106, 91.1589



32.1750, 27.1422, 53.4127



17.2378, 16.7852, 19.1904



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.8474, 29.4116, 36.5889



60.9791, 47.0211, 59.8011



33.6911, 28.7715, 24.5483



10.2684, 10.1560, 11.5040



15.9493, 8.0695, 7.6450



0.7239, 0.3626, 0.5136

Inverse Universe

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



35.8474, 29.4116, 36.5889



60.9791, 47.0211, 59.8011



37.1885, 45.7134, 56.7330



10.2684, 10.1560, 11.5040



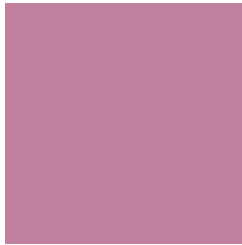
15.9493, 8.0695, 7.6450



0.7239, 0.3626, 0.5136

Previews

White Background



This preview shows how the XYZ color 35.8465, 29.4102, 36.5883 looks on a white background.

Color Contrast Check

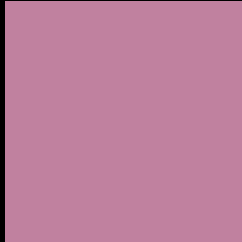
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8465, 29.4102, 36.5883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

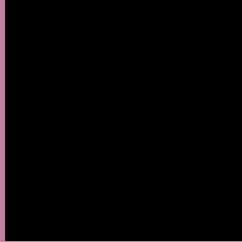
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8465, 29.4102, 36.5883

Background



This preview shows how black text looks on a background with the XYZ color 35.8465, 29.4102, 36.5883.



This preview shows how white text looks on a background with the XYZ color 35.8465, 29.4102,

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

35.8465, 29.4102, 36.5883

Protanopia

29.1910, 29.6990, 42.2242

Deuteranopia

30.0746, 29.6159, 35.5838



Tritanopia

34.3690, 29.4027, 29.4550

Trichromacy



Original Color

35.8465, 29.4102, 36.5883

Protanomaly

30.9590, 29.0864, 40.0589

Deuteranomaly

31.8960, 29.4456, 35.9008

Tritanomaly

34.9475, 29.4471, 31.8589

Monochromacy



Original Color

35.8465, 29.4102, 36.5883

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.3811, 30.0850, 34.7249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8465, 29.4102, 36.5883 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(192, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(192, 129, 159)  
}
```

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(192, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 129, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.8465, 29.4102, 36.5883 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(192, 129, 159) }
```


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

```
.border{ border-color:rgb(192, 129, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 129, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 129, 159); box-shadow:4px 4px 4px 4px rgb(192, 129, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8465, 29.4102, 36.5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 129, 159) }
```

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

```
.background{ background-color: rgb(192,  
129, 159) }
```

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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