

Converting Colors

XYZ(35.7085, 30.1565, 35.8370)

Have a look what the booklet for
XYZ(35.7085, 30.1565, 35.8370)
contains.

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Color

**XYZ(35.7085, 30.1565,
35.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	BE859D
RGB	190, 133, 157
RGB Percent	75%, 52%, 62%
CMY	0.2549, 0.4784, 0.3843
CMYK	0.00, 0.30, 0.17, 0.25
HSL	335°, 30%, 63%
HSV	335°, 30%, 75%
XYZ	35.7085, 30.1565, 35.8370
YIQ	152.7790, 26.2680, 19.5480

Conversions

Conversions Part 2

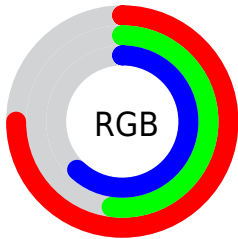
Format	Color
R _Y B	190, 133, 157
Decimal	12486045
CIE Lab	61.79, 25.49, -3.97
CIE LCh	62, 25.794, 351.150
Yxy	30.1565, 0.3511, 0.2965
Android (android.graphics.Color)	4290676125 (0xFFBE859D)
YUV	152.7790, 2.0810, 32.6428
Hunter-Lab	54.9149, 19.9687, -0.2517

Details

The XYZ color **35.7085, 30.1565, 35.8370** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.9705, 44.5674, 42.8377**, and the grayscale version is **30.1662, 31.7372, 34.5618**.

A 20% lighter version of the original color is **68.0118, 60.0683, 70.2971**, and **15.8481, 12.4614, 15.2057** is the 20% darker color. If you saturate the color by 10%, you get **32.4415, 25.0582, 30.3210**, and if you desaturate by 10%, it is **39.5324, 36.2324, 41.9565**.

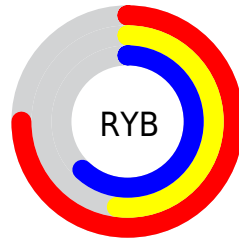
Distribution



Red (75%)

Green (52%)

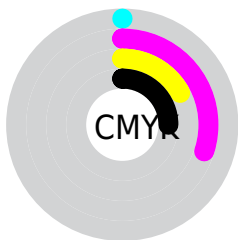
Blue (62%)



Red (75%)

Yellow (52%)

Blue (62%)

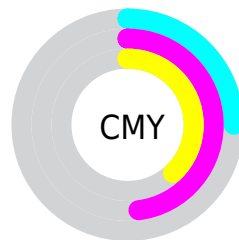


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7085, 30.1565, 35.8370 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 35.7085, 30.1565, 35.8370 by changing the saturation by 10% instead.


 35.7085, 30.1565,
35.8370


 35.7085, 30.1565,
35.8370


319.1382,
302.6333, 343.2634


 24.3782, 19.9574,
24.0196


 67.9087, 59.9096,
69.9466

 15.7407, 12.3641,
15.1359


 89.5094, 80.2324,
93.0759

 9.4305, 6.9921,
8.7671


 115.2642,
104.6985, 120.8130

 5.0824, 3.4572,
4.4949

145.5385,
133.6924, 153.5764

 2.3309, 1.3748,
1.9006

180.6977,
167.5984, 191.7845

 0.8104, 0.1981,
0.4931

221.1072,

 0.0000, 0.0000,

206.8010, 235.8561

0.0000

267.1322,
251.6844, 286.2095

■ 35.7085, 30.1565,
35.8370

■ 35.7085, 30.1565,
35.8370

■ 32.4415, 25.0582,
30.3210

■ 39.5324, 36.2324,
41.9565

■ 29.7011, 20.8817,
25.3866

■ 43.9360, 43.3296,
48.6968

■ 27.4581, 17.5719,
21.0129

■ 48.9444, 51.4940,
56.0766

■ 25.6792, 15.0661,
17.1768

■ 54.5800, 60.7677,
64.1133

■ 24.3267, 13.2930,
13.8533

■ 60.8643, 71.1904,
72.8235

■ 23.3564, 12.1684,
11.0144

■ 67.8176, 82.7997,
82.2233

■ 22.6832, 11.5264,
8.6179

■ 71.8475, 88.4081,
91.1240

■ 22.6830, 11.5263,
8.6174

■ 73.4778, 89.0602,
99.7091

■ 75.0453, 89.6872,
107.9638

Harmonies

Analogous

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



34.1293, 30.1565, 46.2104



35.7085, 30.1565, 35.8370



35.2855, 30.1565, 26.4632

Triad

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



35.7085, 30.1565, 35.8370



26.3417, 30.1565, 18.1463



24.7104, 30.1565, 49.9095

Complementary

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



35.7085, 30.1565, 35.8370



34.9705, 44.5674, 42.8377

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.



22.9255, 30.1565, 40.1561



35.7085, 30.1565, 35.8370



23.8136, 30.1565, 22.3275

Square

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



35.7085, 30.1565, 35.8370



29.6926, 30.1565, 17.4480



22.6109, 30.1565, 30.0061



27.6571, 30.1565, 55.3372

Rectangle

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



35.7085, 30.1565, 35.8370



33.9380, 30.1565, 21.8801



22.6109, 30.1565, 30.0061



23.9648, 30.1565, 46.9458

Sweetspot

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



35.7094, 30.1579, 35.8376



80.3481, 79.7032, 89.3390



33.2625, 28.5258, 52.4684



17.3675, 17.0542, 19.2036



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.



35.7094, 30.1579, 35.8376



60.7005, 48.3716, 58.2390



34.3872, 30.4765, 26.2621



9.6923, 9.6012, 10.7688



15.1203, 7.6793, 5.9270



0.6250, 0.3139, 0.4045

Inverse Universe

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



35.7094, 30.1579, 35.8376



60.7005, 48.3716, 58.2390



36.5691, 43.9071, 55.2630



9.6923, 9.6012, 10.7688



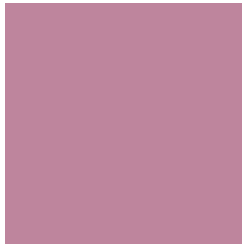
15.1203, 7.6793, 5.9270



0.6250, 0.3139, 0.4045

Previews

White Background



This preview shows how the XYZ color 35.7085, 30.1565, 35.8370 looks on a white background.

Color Contrast Check

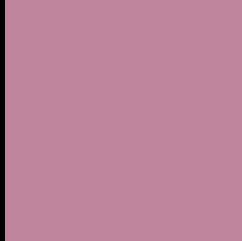
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.7085, 30.1565, 35.8370 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](#).

XYZ 35.7085, 30.1565, 35.8370

Background



This preview shows how black text looks on a background with the XYZ color 35.7085, 30.1565, 35.8370.



This preview shows how white text looks on a background with the XYZ color 35.7085, 30.1565,

35.8370.

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

35.7085, 30.1565, 35.8370

Protanopia

29.7551, 30.4880, 40.8757

Deuteranopia

30.9421, 30.2987, 35.2278



Tritanopia

34.7611, 30.1911, 30.7834

Trichromacy



Original Color

35.7085, 30.1565, 35.8370

Protanomaly

31.5376, 30.0758, 38.7933

Deuteranomaly

32.5389, 30.2207, 35.5707

Tritanomaly

34.9362, 30.0389, 32.3905

Monochromacy



Original Color

35.7085, 30.1565, 35.8370

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.8375, 30.9979, 34.8770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7085, 30.1565, 35.8370 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(190, 133, 157)` looks like.

```
.text, #text, p{  
    color:rgb(190, 133, 157)  
}
```

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(190, 133, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 133, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.7085, 30.1565, 35.8370 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(190, 133, 157) }
```


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

```
.border{ border-color:rgb(190, 133, 157) }
```

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

Here you see how a box with a 4 pixel rgb(190, 133, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 133, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 133, 157);  
box-shadow:4px 4px 4px 4px rgb(190, 133,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7085, 30.1565, 35.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 133, 157) }
```

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

```
.background{ background-color: rgb(190,  
133, 157) }
```

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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