

Converting Colors

XYZ(34.7110, 29.6250, 36.7373)

Have a look what the booklet for
XYZ(34.7110, 29.6250, 36.7373)
contains.

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Color

**XYZ(34.6531, 29.5925,
36.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	B9859F
RGB	185, 133, 159
RGB Percent	73%, 52%, 62%
CMY	0.2745, 0.4784, 0.3765
CMYK	0.00, 0.28, 0.14, 0.27
HSL	330°, 27%, 62%
HSV	330°, 28%, 73%
XYZ	34.6531, 29.5925, 36.6864
YIQ	151.5120, 22.6460, 19.1100

Conversions

Conversions Part 2

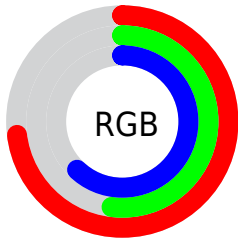
Format	Color
R_{YB}	185, 133, 159
Decimal	12158367
CIE Lab	61.30, 24.00, -5.89
CIE LCh	61, 24.713, 346.206
Yxy	29.5925, 0.3433, 0.2932
Android (android.graphics.Color)	4290348447 (0xFFB9859F)
YUV	151.5120, 3.6916, 29.3690
Hunter-Lab	54.3990, 18.5094, -1.9056

Details

The XYZ color **34.6531, 29.5925, 36.6864** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.2810, 42.1885, 39.1919**, and the grayscale version is **29.6134, 31.1556, 33.9285**.

A 20% lighter version of the original color is **66.5259, 59.2729, 71.5529**, and **15.1601, 12.0945, 15.7228** is the 20% darker color. If you saturate the color by 10%, you get **31.5670, 24.6570, 31.8444**, and if you desaturate by 10%, it is **38.2471, 35.4468, 41.9948**.

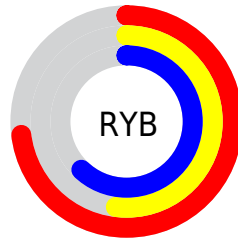
Distribution



Red (73%)

Green (52%)

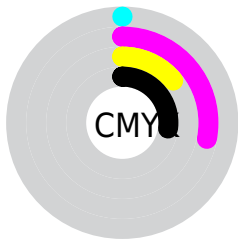
Blue (62%)



Red (73%)

Yellow (52%)

Blue (62%)

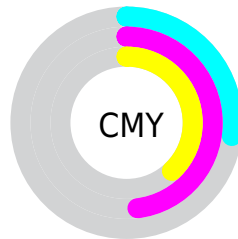


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6531, 29.5925, 36.6864 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 34.6531, 29.5925, 36.6864 by changing the saturation by 10% instead.


 34.6531, 29.5925,
36.6864


 34.6531, 29.5925,
36.6864


314.5694,
300.0004, 347.0785


 23.5610, 19.5295,
24.6709

 66.2856, 59.0171,
71.2711

 15.1313, 12.0535,
15.6152


 87.5567, 79.1476,
94.6774

 8.9985, 6.7801,
9.1009


 112.9516,
103.4026, 122.7178

 4.7973, 3.3250,
4.7093

142.8355,
132.1666, 155.8106

 2.1624, 1.3037,
2.0220

177.5739,
165.8240, 194.3746

 0.7228, 0.1440,
0.5688

217.5322,

 0.0000, 0.0000,

204.7591, 238.8282

0.0000

263.0755,
249.3565, 289.5900

■ 34.6531, 29.5925,
36.6864

■ 34.6531, 29.5925,
36.6864

■ 31.5670, 24.6570,
31.8444

■ 38.2471, 35.4468,
41.9948

■ 28.9616, 20.5891,
27.4522

■ 42.3693, 42.2599,
47.7817

■ 26.8107, 17.3384,
23.4949

■ 47.0421, 50.0740,
54.0609

■ 25.0847, 14.8478,
19.9557

■ 52.2859, 58.9279,
60.8450

■ 23.7501, 13.0527,
16.8161

■ 58.1197, 68.8581,
68.1462

■ 22.7680, 11.8776,
14.0558

■ 64.5620, 79.8995,
75.9761

■ 22.0773, 11.2030,
11.6466

■ 69.1891, 87.2029,
83.5322

■ 21.9612, 11.0958,
11.2232

■ 70.4766, 87.7179,
90.3119

■ 71.8333, 88.2606,
97.4564

Harmonies

Analogous

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



32.8906, 29.5925, 46.2855



34.6531, 29.5925, 36.6864



34.5748, 29.5925, 27.4731

Triad

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



34.6531, 29.5925, 36.6864



26.4160, 29.5925, 17.8924



24.0140, 29.5925, 46.9683

Complementary

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



34.6531, 29.5925, 36.6864



33.2810, 42.1885, 39.1919

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.



22.5349, 29.5925, 37.4871



34.6531, 29.5925, 36.6864



23.8467, 29.5925, 21.3405

Square

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



34.6531, 29.5925, 36.6864



29.6455, 29.5925, 17.7607



22.4761, 29.5925, 28.1339



26.6608, 29.5925, 52.9509

Rectangle

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



34.6531, 29.5925, 36.6864



33.4850, 29.5925, 22.7510



22.4761, 29.5925, 28.1339



23.3730, 29.5925, 44.0107

Sweetspot

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



34.6540, 29.5938, 36.6870



75.8629, 75.6541, 85.5493



31.4437, 27.6502, 49.5791



16.1024, 15.8907, 18.0955



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.6540, 29.5938, 36.6870



58.3976, 47.1166, 60.0180



32.6298, 28.7842, 26.0280



9.1868, 9.0851, 10.3312



14.9903, 7.5699, 7.8357



0.5597, 0.2794, 0.4407

Inverse Universe

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



34.6540, 29.5938, 36.6870



58.3976, 47.1166, 60.0180



35.7797, 43.1879, 52.3496



9.1868, 9.0851, 10.3312



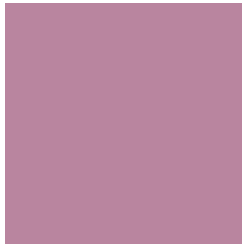
14.9903, 7.5699, 7.8357



0.5597, 0.2794, 0.4407

Previews

White Background



This preview shows how the XYZ color 34.6531, 29.5925, 36.6864 looks on a white background.

Color Contrast Check

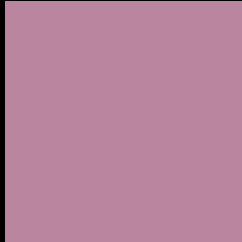
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6531, 29.5925, 36.6864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

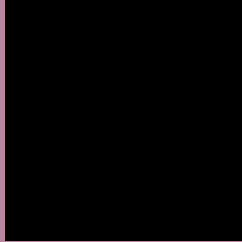
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6531, 29.5925, 36.6864

Background



This preview shows how black text looks on a background with the XYZ color 34.6531, 29.5925, 36.6864.



This preview shows how white text looks on a background with the XYZ color 34.6531, 29.5925,

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

34.6531, 29.5925, 36.6864

Protanopia

29.1787, 29.7143, 41.2433

Deuteranopia

30.3571, 29.7518, 36.0410



Tritanopia

33.3807, 29.4705, 31.1232

Trichromacy



Original Color

34.6531, 29.5925, 36.6864

Protanomaly

30.9617, 29.5362, 39.6665

Deuteranomaly

31.6981, 29.5496, 36.3807

Tritanomaly

33.8782, 29.4749, 33.1818

Monochromacy



Original Color

34.6531, 29.5925, 36.6864

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3516, 30.5099, 35.2469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6531, 29.5925, 36.6864 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(185, 133, 159)` looks like.

```
.text, #text, p{  
    color:rgb(185, 133, 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(185, 133, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 133, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.6531, 29.5925, 36.6864 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(185, 133, 159) }
```


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

```
.border{ border-color:rgb(185, 133, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 133, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 133, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 133, 159);  
box-shadow:4px 4px 4px 4px rgb(185, 133,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6531, 29.5925, 36.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 133, 159) }
```

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

```
.background{ background-color: rgb(185,  
133, 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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