

Converting Colors

XYZ(33.9566, 28.8800, 34.3565)

Have a look what the booklet for
XYZ(33.9566, 28.8800, 34.3565)
contains.

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Color

**XYZ(33.9566, 28.8800,
34.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	B9839A
RGB	185, 131, 154
RGB Percent	73%, 51%, 60%
CMY	0.2745, 0.4863, 0.3961
CMYK	0.00, 0.29, 0.17, 0.27
HSL	334°, 28%, 62%
HSV	334°, 29%, 73%
XYZ	33.9566, 28.8800, 34.3565
YIQ	149.7680, 24.8010, 18.6010

Conversions

Conversions Part 2

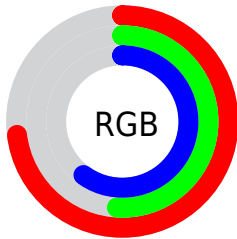
Format	Color
R_{YB}	185, 131, 154
Decimal	12157850
CIE _{Lab}	60.68, 24.29, -3.96
CIE _{LCh}	61, 24.608, 350.740
Yxy	28.8800, 0.3494, 0.2971
Android (android.graphics.Color)	4290347930 (0xFFB9839A)
YUV	149.7680, 2.0864, 30.8985
Hunter-Lab	53.7401, 18.7430, -0.2865

Details

The XYZ color **33.9566, 28.8800, 34.3565** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.2318, 42.1326, 40.5654**, and the grayscale version is **28.8759, 30.3797, 33.0835**.

A 20% lighter version of the original color is **65.1436, 57.7123, 67.3807**, and **14.7507, 11.6894, 14.3108** is the 20% darker color. If you saturate the color by 10%, you get **30.8445, 24.0091, 29.1462**, and if you desaturate by 10%, it is **37.5923, 34.6722, 40.1282**.

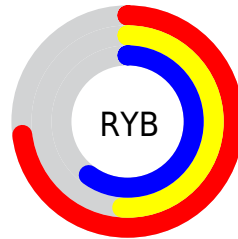
Distribution



Red (73%)

Green (51%)

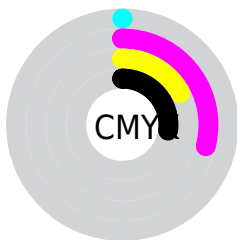
Blue (60%)



Red (73%)

Yellow (51%)

Blue (60%)

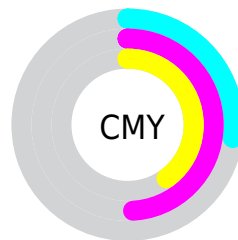


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9566, 28.8800, 34.3565 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 33.9566, 28.8800, 34.3565 by changing the saturation by 10% instead.


 33.9566, 28.8800,
34.3565


 33.9566, 28.8800,
34.3565


311.5278,
296.6483, 336.5363


 23.0230, 18.9901,
22.8880


 65.2109, 57.8864,
67.6279

 14.7313, 11.6631,
14.3063


 86.2623, 77.7716,
90.2679

 8.7161, 6.5147,
8.1929


 111.4170,
101.7574, 117.4688

 4.6121, 3.1605,
4.1291

141.0404,
130.2281, 149.6492

 2.0539, 1.2161,
1.6964

175.4979,
163.5682, 187.2276

 0.6640, 0.0748,
0.3583

215.1547,

 0.0000, 0.0000,

202.1620, 230.6226

0.0000

260.3762,
246.3939, 280.2526

■ 33.9566, 28.8800,
34.3565

■ 33.9566, 28.8800,
34.3565

■ 30.8445, 24.0091,
29.1462

■ 37.5923, 34.6722,
40.1282

■ 28.2278, 20.0074,
24.4770

■ 41.7730, 41.4261,
46.4771

■ 26.0795, 16.8238,
20.3298

■ 46.5216, 49.1846,
53.4203

■ 24.3688, 14.4002,
16.6835

■ 51.8593, 57.9870,
60.9739

■ 23.0609, 12.6706,
13.5152

■ 57.8060, 67.8701,
69.1532

■ 22.1151, 11.5577,
10.7994

■ 64.3806, 78.8693,
77.9729

■ 21.4592, 10.9211,
8.4993

■ 69.8197, 87.4552,
86.8534

■ 21.4113, 10.8758,
8.3277

■ 71.3432, 88.0646,
94.8759

■ 72.9589, 88.7108,
103.3840

Harmonies

Analogous

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



32.4759, 28.8800, 43.9183



33.9566, 28.8800, 34.3565



33.5921, 28.8800, 25.6279

Triad

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



33.9566, 28.8800, 34.3565



25.3350, 28.8800, 17.7164



23.7494, 28.8800, 47.0953

Complementary

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



33.9566, 28.8800, 34.3565



33.2318, 42.1326, 40.5654

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.



22.1056, 28.8800, 38.0827



33.9566, 28.8800, 34.3565



22.9706, 28.8800, 21.5905

Square

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



33.9566, 28.8800, 34.3565



28.4481, 28.8800, 17.1035



21.8319, 28.8800, 28.7036



26.4747, 28.8800, 52.1552

Rectangle

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



33.9566, 28.8800, 34.3565



32.3622, 28.8800, 21.3212



21.8319, 28.8800, 28.7036



23.0611, 28.8800, 44.3539

Sweetspot

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



33.9574, 28.8813, 34.3571



74.8464, 74.2449, 83.2868



31.6936, 27.3765, 49.5130



15.8882, 15.6045, 17.5860



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.



33.9574, 28.8813, 34.3571



57.1521, 45.9695, 55.4601



32.7136, 29.1709, 25.3808



9.1591, 9.0740, 10.1851



14.6140, 7.4194, 5.8543



0.5463, 0.2740, 0.3702

Inverse Universe

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



33.9574, 28.8813, 34.3571



57.1521, 45.9695, 55.4601



34.7233, 41.5394, 52.0870



9.1591, 9.0740, 10.1851



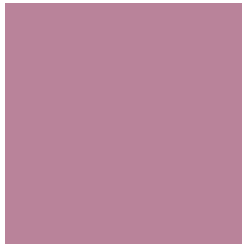
14.6140, 7.4194, 5.8543



0.5463, 0.2740, 0.3702

Previews

White Background



This preview shows how the XYZ color 33.9566, 28.8800, 34.3565 looks on a white background.

Color Contrast Check

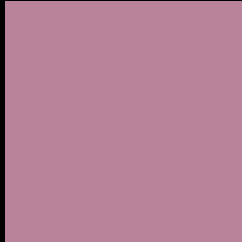
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9566, 28.8800, 34.3565 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 33.9566, 28.8800, 34.3565

Background



This preview shows how black text looks on a background with the XYZ color 33.9566, 28.8800, 34.3565.



This preview shows how white text looks on a background with the XYZ color 33.9566, 28.8800,

34.3565.

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

33.9566, 28.8800, 34.3565

Protanopia

28.3913, 29.1314, 38.7769

Deuteranopia

29.4410, 28.8821, 33.7289



Tritanopia

33.1126, 28.9486, 29.8290

Trichromacy



Original Color

33.9566, 28.8800, 34.3565

Protanomaly

30.1681, 28.9587, 37.2573

Deuteranomaly

30.9867, 28.8017, 34.0631

Tritanomaly

33.2849, 28.7995, 31.4083

Monochromacy



Original Color

33.9566, 28.8800, 34.3565

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.5126, 29.6658, 33.3960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9566, 28.8800, 34.3565 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, 131, 154)` looks like.

```
.text, #text, p{  
    color:rgb(185, 131, 154)  
}
```

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, 131, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 131, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.9566, 28.8800, 34.3565 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, 131, 154) }
```


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

```
.border{ border-color:rgb(185, 131, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 131, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 131, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 131, 154);  
box-shadow:4px 4px 4px 4px rgb(185, 131,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9566, 28.8800, 34.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 131, 154) }
```

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

```
.background{ background-color: rgb(185,  
131, 154) }
```

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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