

Converting Colors

XYZ(33.8916, 29.6203, 36.2788)

Have a look what the booklet for
XYZ(33.8916, 29.6203, 36.2788)
contains.

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Color

**XYZ(33.8916, 29.6203,
36.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	B5879E
RGB	181, 135, 158
RGB Percent	71%, 53%, 62%
CMY	0.2902, 0.4706, 0.3804
CMYK	0.00, 0.25, 0.13, 0.29
HSL	330°, 24%, 62%
HSV	330°, 25%, 71%
XYZ	33.8916, 29.6203, 36.2788
YIQ	151.3760, 20.0330, 16.9050

Conversions

Conversions Part 2

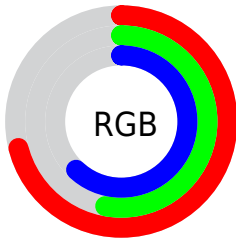
Format	Color
RYB	181, 135, 158
Decimal	11896734
CIELab	61.33, 21.26, -5.33
CIELCh	61, 21.919, 345.918
Yxy	29.6203, 0.3396, 0.2968
Android (android.graphics.Color)	4290086814 (0xFFB5879E)
YUV	151.3760, 3.2656, 25.9802
Hunter-Lab	54.4245, 15.9137, -1.4249

Details

The XYZ color **33.8916, 29.6203, 36.2788** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6883, 40.6681, 38.4765**, and the grayscale version is **29.5576, 31.0969, 33.8645**.

A 20% lighter version of the original color is **65.1329, 59.2038, 70.9454**, and **14.6547, 12.0706, 15.4674** is the 20% darker color. If you saturate the color by 10%, you get **30.8272, 24.6924, 31.5543**, and if you desaturate by 10%, it is **37.4444, 35.4324, 41.4499**.

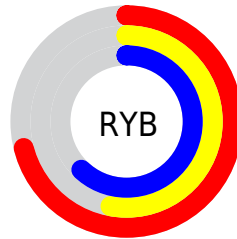
Distribution



Red (71%)

Green (53%)

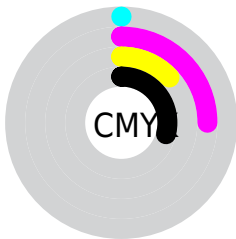
Blue (62%)



Red (71%)

Yellow (53%)

Blue (62%)

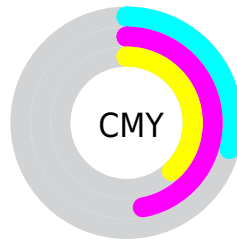


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (29%)



Cyan (29%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8916, 29.6203, 36.2788 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 33.8916, 29.6203, 36.2788 by changing the saturation by 10% instead.

■ 33.8916, 29.6203,
36.2788

■ 33.8916, 29.6203,
36.2788

311.2429,
300.1306, 345.2517

■ 22.9728, 19.5506,
24.3582

■ 65.1105, 59.0612,
70.6361

■ 14.6940, 12.0688,
15.3849

■ 86.1413, 79.2011,
93.9098

■ 8.6898, 6.7905,
8.9403

■ 111.2735,
103.4666, 121.8050

■ 4.5949, 3.3314,
4.6060

140.8724,
132.2420, 154.7402

■ 2.0439, 1.3071,
1.9633

175.3035,
165.9117, 193.1339

■ 0.6584, 0.1467,
0.5326

214.9320,

■ 0.0000, 0.0000,

204.8601, 237.4047

0.0000

260.1234,
249.4716, 287.9711

■ 33.8916, 29.6203,
36.2788

■ 33.8916, 29.6203,
36.2788

■ 30.8272, 24.6924,
31.5543

■ 37.4444, 35.4324,
41.4499

■ 28.2258, 20.6009,
27.2609

■ 41.5044, 42.1656,
47.0786

■ 26.0632, 17.2994,
23.3846

■ 46.0925, 49.8594,
53.1781

■ 24.3123, 14.7353,
19.9097

■ 51.2277, 58.5500,
59.7602

■ 22.9423, 12.8496,
16.8194

■ 56.9279, 68.2715,
66.8362

■ 21.9180, 11.5740,
14.0950

■ 63.2103, 79.0565,
74.4171

■ 21.1959, 10.8239,
11.7145

■ 67.9148, 86.5833,
81.7880

■ 20.9228, 10.5705,
10.7211

■ 69.1563, 87.0799,
88.3255

■ 70.4638, 87.6029,
95.2109

Harmonies

Analogous

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



32.3346, 29.6203, 44.6320



33.8916, 29.6203, 36.2788



33.8395, 29.6203, 28.0825

Triad

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



33.8916, 29.6203, 36.2788



26.6572, 29.6203, 19.2453



24.4632, 29.6203, 45.0810

Complementary

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



33.8916, 29.6203, 36.2788



32.6883, 40.6681, 38.4765

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.



23.1425, 29.6203, 36.8139



33.8916, 29.6203, 36.2788



24.3488, 29.6203, 22.4025

Square

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



33.8916, 29.6203, 36.2788



29.5264, 29.6203, 19.1519



23.1021, 29.6203, 28.5338



26.8233, 29.6203, 50.2719

Rectangle

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



33.8916, 29.6203, 36.2788



32.8953, 29.6203, 23.7909



23.1021, 29.6203, 28.5338



23.8903, 29.6203, 42.5120

Sweetspot

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



33.8925, 29.6216, 36.2794



72.2619, 72.0679, 81.4902



31.1062, 27.9347, 47.4690



15.3796, 15.1797, 17.2841



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.8925, 29.6216, 36.2794



57.8001, 48.3664, 60.5706



32.0943, 28.9024, 26.8104



8.6676, 8.5738, 9.7481



14.4587, 7.3010, 7.5752



0.4844, 0.2415, 0.3934

Inverse Universe

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



33.8925, 29.6216, 36.2794



57.8001, 48.3664, 60.5706



34.8570, 41.5356, 49.8965



8.6676, 8.5738, 9.7481



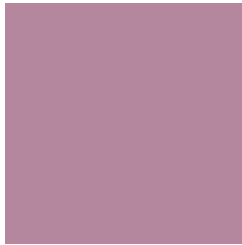
14.4587, 7.3010, 7.5752



0.4844, 0.2415, 0.3934

Previews

White Background



This preview shows how the XYZ color 33.8916, 29.6203, 36.2788 looks on a white background.

Color Contrast Check

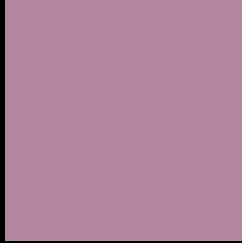
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8916, 29.6203, 36.2788 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 33.8916, 29.6203, 36.2788

Background



This preview shows how black text looks on a background with the XYZ color 33.8916, 29.6203, 36.2788.



This preview shows how white text looks on a background with the XYZ color 33.8916, 29.6203,

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

33.8916, 29.6203, 36.2788

Protanopia

29.1707, 29.7316, 40.2777

Deuteranopia

30.2721, 29.7177, 35.5931



Tritanopia

33.0345, 29.7012, 31.5956

Trichromacy



Original Color

33.8916, 29.6203, 36.2788

Protanomaly

30.7314, 29.6602, 38.7556

Deuteranomaly

31.5470, 29.6996, 35.9682

Tritanomaly

33.2125, 29.5460, 33.2306

Monochromacy



Original Color

33.8916, 29.6203, 36.2788

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.8584, 30.2653, 34.7872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8916, 29.6203, 36.2788 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(181, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 158)  
}
```

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(181, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 158) }
```

Border

The CSS property to change the border of an element to XYZ 33.8916, 29.6203, 36.2788 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(181, 135, 158) }
```


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

```
.border{ border-color:rgb(181, 135, 158) }
```

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

Here you see how a box with a 4 pixel rgb(181, 135, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 158);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8916, 29.6203, 36.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 135, 158) }
```

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

```
.background{ background-color: rgb(181,  
135, 158) }
```

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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