

Converting Colors

XYZ(33.7721, 29.4785, 35.9141)

Have a look what the booklet for
XYZ(33.7721, 29.4785, 35.9141)
contains.

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Color

**XYZ(33.8058, 29.5860,
35.8272)**

Conversions

Conversions Part 1

Format	Color
Hex	B5879D
RGB	181, 135, 157
RGB Percent	71%, 53%, 62%
CMY	0.2902, 0.4706, 0.3843
CMYK	0.00, 0.25, 0.13, 0.29
HSL	331°, 24%, 62%
HSV	331°, 25%, 71%
XYZ	33.8058, 29.5860, 35.8272
YIQ	151.2620, 20.3540, 16.5940

Conversions

Conversions Part 2

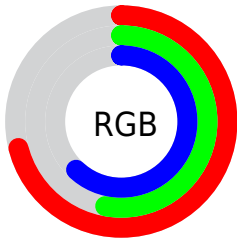
Format	Color
R_{YB}	181, 135, 157
Decimal	11896733
CIE _{Lab}	61.30, 21.09, -4.81
CIE _{LCh}	61, 21.630, 347.160
Yxy	29.5860, 0.3407, 0.2982
Android (android.graphics.Color)	4290086813 (0xFFB5879D)
YUV	151.2620, 2.8288, 26.0802
Hunter-Lab	54.3930, 15.7518, -0.9776

Details

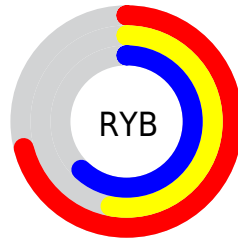
The XYZ color **33.8058, 29.5860, 35.8272** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.7747, 40.7026, 38.9317**, and the grayscale version is **29.5104, 31.0473, 33.8105**.

A 20% lighter version of the original color is **65.0063, 59.1532, 70.2789**, and **14.6024, 12.0496, 15.1918** is the 20% darker color. If you saturate the color by 10%, you get **30.7166, 24.6482, 30.9720**, and if you desaturate by 10%, it is **37.3884, 35.4100, 41.1551**.

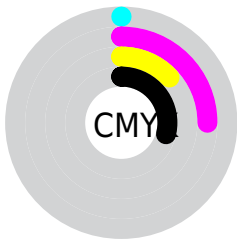
Distribution



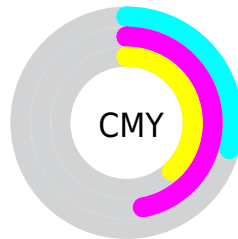
- Red (71%)
- Green (53%)
- Blue (62%)



- 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 33.8058, 29.5860, 35.8272 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 33.8058, 29.5860, 35.8272 by changing the saturation by 10% instead.


 33.8058, 29.5860,
35.8272


 33.8058, 29.5860,
35.8272


310.8664,
299.9699, 343.2192


 22.9066, 19.5246,
24.0121


 64.9779, 59.0068,
69.9313

 14.6449, 12.0499,
15.1303


 85.9815, 79.1350,
93.0574

 8.6552, 6.7777,
8.7633


 111.0839,
103.3876, 120.7910

 4.5723, 3.3235,
4.4924

140.6506,
132.1490, 153.5505

 2.0307, 1.3028,
1.8992

175.0468,
165.8035, 191.7546

 0.6511, 0.1434,
0.4922

214.6379,

 0.0000, 0.0000,

204.7355, 235.8217

0.0000

259.7894,
249.3295, 286.1703

■ 33.8058, 29.5860,
35.8272

■ 33.8058, 29.5860,
35.8272

■ 30.7166, 24.6482,
30.9720

■ 37.3884, 35.4100,
41.1551

■ 28.0951, 20.5487,
26.5730

■ 41.4833, 42.1572,
46.9676

■ 25.9171, 17.2410,
22.6154

■ 46.1116, 49.8671,
53.2786

■ 24.1551, 14.6725,
19.0824

■ 51.2923, 58.5758,
60.1008

■ 22.7783, 12.7840,
15.9562

■ 57.0437, 68.3178,
67.4464

■ 21.7511, 11.5073,
13.2167

■ 63.3830, 79.1255,
75.3269

■ 21.0300, 10.7576,
10.8411

■ 68.1503, 86.6775,
83.0283

■ 20.7585, 10.5048,
9.8562

■ 69.4605, 87.2016,
89.9279

■ 70.8430, 87.7545,
97.2076

Harmonies

Analogous

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



32.3309, 29.5860, 44.1000



33.8058, 29.5860, 35.8272



33.6851, 29.5860, 27.8043

Triad

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



33.8058, 29.5860, 35.8272



26.5354, 29.5860, 19.4308



24.5585, 29.5860, 45.1389

Complementary

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



33.8058, 29.5860, 35.8272



32.7747, 40.7026, 38.9317

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.



23.2053, 29.5860, 37.0672



33.8058, 29.5860, 35.8272



24.2927, 29.5860, 22.6823

Square

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



33.8058, 29.5860, 35.8272



29.3554, 29.5860, 19.2131



23.1115, 29.5860, 28.8525



26.9209, 29.5860, 50.0554

Rectangle

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



33.8058, 29.5860, 35.8272



32.7152, 29.5860, 23.6378



23.1115, 29.5860, 28.8525



23.9776, 29.5860, 42.6482

Sweetspot

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



33.8067, 29.5873, 35.8278



72.2062, 72.0456, 81.1969



31.2574, 28.0127, 47.4759



15.3655, 15.1740, 17.2099



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.



33.8067, 29.5873, 35.8278



57.6228, 48.2955, 59.6369



32.2016, 29.1171, 26.8462



8.6599, 8.5707, 9.7077



14.3451, 7.2556, 6.9770



0.4809, 0.2401, 0.3751

Inverse Universe

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



33.8067, 29.5873, 35.8278



57.6228, 48.2955, 59.6369



34.7015, 41.2245, 49.8446



8.6599, 8.5707, 9.7077



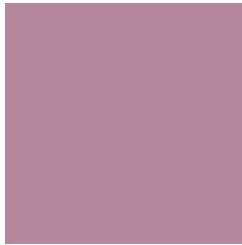
14.3451, 7.2556, 6.9770



0.4809, 0.2401, 0.3751

Previews

White Background



This preview shows how the XYZ color 33.8058, 29.5860, 35.8272 looks on a white background.

Color Contrast Check

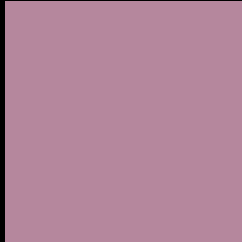
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8058, 29.5860, 35.8272 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 33.8058, 29.5860, 35.8272

Background



This preview shows how black text looks on a background with the XYZ color 33.8058, 29.5860, 35.8272.



This preview shows how white text looks on a background with the XYZ color 33.8058, 29.5860,

35.8272.

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

33.8058, 29.5860, 35.8272

Protanopia

29.0793, 29.6950, 39.7964

Deuteranopia

30.1877, 29.6840, 35.1489



Tritanopia

33.0345, 29.7012, 31.5956

Trichromacy



Original Color

33.8058, 29.5860, 35.8272

Protanomaly

30.6421, 29.6245, 38.2855

Deuteranomaly

31.4620, 29.6655, 35.5203

Tritanomaly

33.2125, 29.5460, 33.2306

Monochromacy



Original Color

33.8058, 29.5860, 35.8272

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.7755, 30.2321, 34.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8058, 29.5860, 35.8272 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 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(181, 135, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 157) }
```

Border

The CSS property to change the border of an element to XYZ 33.8058, 29.5860, 35.8272 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, 157) }
```


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

```
.border{ border-color:rgb(181, 135, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 157);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8058, 29.5860, 35.8272 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, 157) }
```

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

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