

Converting Colors

XYZ(35.1697, 31.8234, 34.2325)

Have a look what the booklet for
XYZ(35.1697, 31.8234, 34.2325)
contains.

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Color

**XYZ(35.1899, 31.8363,
34.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	B88E99
RGB	184, 142, 153
RGB Percent	72%, 56%, 60%
CMY	0.2784, 0.4431, 0.4000
CMYK	0.00, 0.23, 0.17, 0.28
HSL	344°, 23%, 64%
HSV	344°, 23%, 72%
XYZ	35.1899, 31.8363, 34.4273
YIQ	155.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

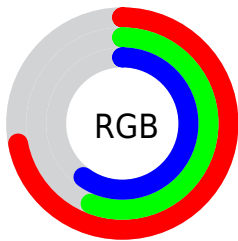
Format	Color
RYB	184, 142, 153
Decimal	12095129
CIELab	63.21, 17.62, 0.31
CIELCh	63, 17.621, 1.014
Yxy	31.8363, 0.3469, 0.3138
Android (android.graphics.Color)	4290285209 (0xFFB88E99)
YUV	155.8120, -1.3863, 24.7209
Hunter-Lab	56.4237, 12.5842, 3.3204

Details

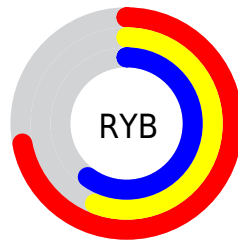
The XYZ color **35.1899, 31.8363, 34.4273** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8399, 43.0496, 45.9577**, and the grayscale version is **31.5162, 33.1575, 36.1085**.

A 20% lighter version of the original color is **67.2780, 62.6856, 67.5851**, and **15.3453, 13.1873, 14.3070** is the 20% darker color. If you saturate the color by 10%, you get **31.6163, 26.3832, 28.0130**, and if you desaturate by 10%, it is **39.3449, 38.2472, 41.6662**.

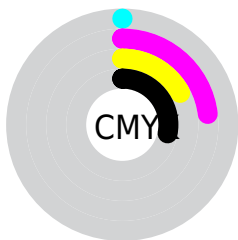
Distribution



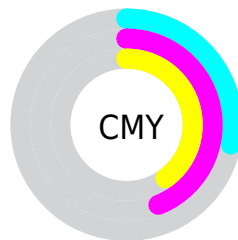
- Red (72%)
- Green (56%)
- Blue (60%)



- Red (72%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (28%)





- Cyan (28%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1899, 31.8363, 34.4273 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 35.1899, 31.8363, 34.4273 by changing the saturation by 10% instead.


 35.1899, 31.8363,
34.4273


 35.1899, 31.8363,
34.4273


316.8991,
310.3729, 336.8603


 23.9764, 21.2365,
22.9420


 67.1119, 62.5544,
67.7391

 15.4408, 13.2970,
14.3458


 88.5512, 83.4414,
90.4027

 9.2176, 7.6334,
8.2201


 114.1297,
108.5264, 117.6295

 4.9416, 3.8613,
4.1463

144.2129,
138.1935, 149.8380

 2.2475, 1.5963,
1.7060

179.1660,
172.8274, 187.4468

 0.7676, 0.3551,
0.3648

219.3546,

 0.0000, 0.0000,

212.8123, 230.8745

0.0000

265.1438,
258.5327, 280.5394

■ 35.1899, 31.8363,
34.4273

■ 35.1899, 31.8363,
34.4273

■ 31.6163, 26.3832,
28.0130

■ 39.3449, 38.2472,
41.6662

■ 28.5951, 21.8374,
22.3914

■ 44.1033, 45.6544,
49.7560

■ 26.0985, 18.1507,
17.5316

■ 49.4893, 54.0997,
58.7242

■ 24.0954, 15.2683,
13.3996

■ 55.5248, 63.6210,
68.5965

■ 22.5513, 13.1293,
9.9588

■ 62.2308, 74.2546,
79.3975

■ 21.4269, 11.6637,
7.1691

■ 69.6273, 86.0347,
91.1509

■ 20.6756, 10.7882,
4.9858

■ 72.4823, 88.4924,
102.1292

■ 20.3044, 10.4053,
3.7540

■ 73.5772, 88.9304,
107.8951

Harmonies

Analogous

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



34.5457, 31.8363, 41.5817



35.1899, 31.8363, 34.4273



34.4552, 31.8363, 28.2000

Triad

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



35.1899, 31.8363, 34.4273



27.9090, 31.8363, 24.3892



28.0453, 31.8363, 47.7765

Complementary

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



35.1899, 31.8363, 34.4273



35.8399, 43.0496, 45.9577

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.



26.4190, 31.8363, 42.0480



35.1899, 31.8363, 34.4273



26.3433, 31.8363, 28.5601

Square

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



35.1899, 31.8363, 34.4273



30.1766, 31.8363, 22.9045



25.8125, 31.8363, 34.9024



30.3425, 31.8363, 49.8858

Rectangle

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



35.1899, 31.8363, 34.4273



33.3038, 31.8363, 25.2453



25.8125, 31.8363, 34.9024



27.4065, 31.8363, 46.1755

Sweetspot

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



35.1908, 31.8377, 34.4280



76.1086, 76.7694, 83.7074



35.5152, 31.6697, 49.5886



16.2970, 16.3780, 17.8580



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.



35.1908, 31.8377, 34.4280



60.6660, 52.9279, 56.8455



35.8465, 34.5363, 30.3699



9.0986, 9.0498, 9.8665



14.0189, 7.1813, 2.7204



0.5205, 0.2637, 0.2344

Inverse Universe

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



35.1908, 31.8377, 34.4280



60.6660, 52.9279, 56.8455



34.9829, 39.5619, 51.1400



9.0986, 9.0498, 9.8665



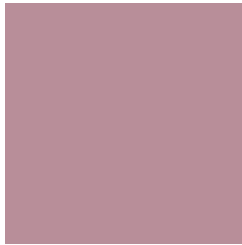
14.0189, 7.1813, 2.7204



0.5205, 0.2637, 0.2344

Previews

White Background



This preview shows how the XYZ color 35.1899, 31.8363, 34.4273 looks on a white background.

Color Contrast Check

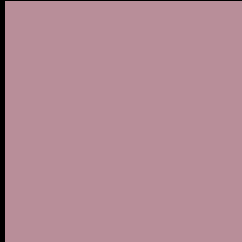
Large Text (above 18pt) WCAG AA × Fail

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 35.1899, 31.8363, 34.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

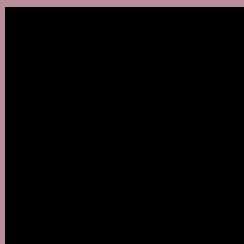
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1899, 31.8363, 34.4273

Background



This preview shows how black text looks on a background with the XYZ color 35.1899, 31.8363, 34.4273.



This preview shows how white text looks on a background with the XYZ color 35.1899, 31.8363,

34.4273.

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

35.1899, 31.8363, 34.4273

Protanopia

30.8127, 31.8297, 37.3206

Deuteranopia

32.4058, 31.7716, 34.1303



Tritanopia

35.1899, 31.8363, 34.4273

Trichromacy



Original Color

35.1899, 31.8363, 34.4273

Protanomaly

32.1928, 31.6135, 36.3036

Deuteranomaly

33.4019, 31.8234, 34.0878

Tritanomaly

35.1899, 31.8363, 34.4273

Monochromacy



Original Color

35.1899, 31.8363, 34.4273

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.7089, 32.6068, 35.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1899, 31.8363, 34.4273 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(184, 142, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 142, 153)  
}
```

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(184, 142, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 142, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.1899, 31.8363, 34.4273 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(184, 142, 153) }
```


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

```
.border{ border-color:rgb(184, 142, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 142, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 142,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1899, 31.8363, 34.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 142, 153) }
```

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

```
.background{ background-color: rgb(184,  
142, 153) }
```

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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