

Converting Colors

XYZ(34.7880, 31.8409, 35.2018)

Have a look what the booklet for
XYZ(34.7880, 31.8409, 35.2018)
contains.

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Color

**XYZ(34.7949, 31.8352,
35.3213)**

Conversions

Conversions Part 1

Format	Color
Hex	B58F9B
RGB	181, 143, 155
RGB Percent	71%, 56%, 61%
CMY	0.2902, 0.4392, 0.3922
CMYK	0.00, 0.21, 0.14, 0.29
HSL	341°, 20%, 64%
HSV	341°, 21%, 71%
XYZ	34.7949, 31.8352, 35.3213
YIQ	155.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

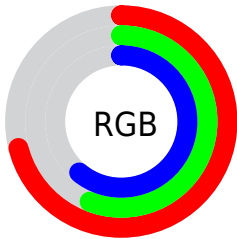
Format	Color
RYB	181, 143, 155
Decimal	11898779
CIELab	63.21, 16.27, -0.86
CIELCh	63, 16.296, 356.979
Yxy	31.8352, 0.3413, 0.3123
Android (android.graphics.Color)	4290088859 (0xFFB58F9B)
YUV	155.7300, -0.3599, 22.1618
Hunter-Lab	56.4227, 11.3382, 2.3796

Details

The XYZ color **34.7949, 31.8352, 35.3213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0142, 41.7528, 43.7517**, and the grayscale version is **31.4760, 33.1152, 36.0625**.

A 20% lighter version of the original color is **66.3999, 62.5405, 68.8935**, and **15.2279, 13.2430, 14.8503** is the 20% darker color. If you saturate the color by 10%, you get **31.3066, 26.4384, 29.2874**, and if you desaturate by 10%, it is **38.8302, 38.1544, 42.0647**.

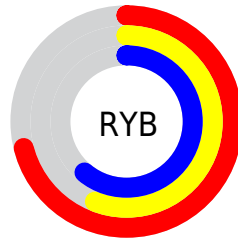
Distribution



Red (71%)

Green (56%)

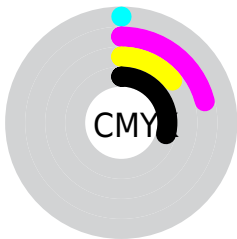
Blue (61%)



Red (71%)

Yellow (56%)

Blue (61%)

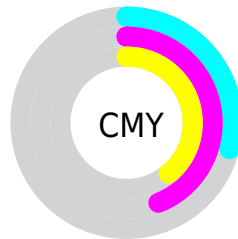


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (44%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7949, 31.8352, 35.3213 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 34.7949, 31.8352, 35.3213 by changing the saturation by 10% instead.


 34.7949, 31.8352,
35.3213


 34.7949, 31.8352,
35.3213


315.1860,
310.3679, 340.9315

 23.6707, 21.2357,
23.6249


 66.5040, 62.5526,
69.1404

 15.2129, 13.2964,
14.8460

 87.8197, 83.4393,
92.1003

 9.0563, 7.6329,
8.5660


113.2632,
108.5239, 119.6517

 4.8353, 3.8610,
4.3663

143.1999,
138.1906, 152.2133

 2.1847, 1.5961,
1.8283

177.9952,
172.8240, 190.2035

 0.7347, 0.3550,
0.4466

218.0144,

 0.0000, 0.0000,

212.8084, 234.0409

0.0000

263.6229,
258.5282, 284.1441

■ 34.7949, 31.8352,
35.3213

■ 34.7949, 31.8352,
35.3213

■ 31.3066, 26.4384,
29.2874

■ 38.8302, 38.1544,
42.0647

■ 28.3383, 21.9163,
23.9370

■ 43.4323, 45.4320,
49.5382

■ 25.8648, 18.2238,
19.2457

■ 48.6235, 53.7075,
57.7642

■ 23.8579, 15.3095,
15.1865

■ 54.4240, 63.0167,
66.7632

■ 22.2859, 13.1167,
11.7305

■ 60.8531, 73.3938,
76.5552

■ 21.1134, 11.5806,
8.8462

■ 67.9291, 84.8712,
87.1593

■ 20.2987, 10.6246,
6.4986

■ 70.7979, 87.7365,
96.9700

■ 19.7984, 10.1207,
4.8003

■ 72.7189, 88.5049,
107.0861

■ 72.8662, 88.5638,
107.8618

Harmonies

Analogous

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



34.0388, 31.8352, 41.8749



34.7949, 31.8352, 35.3213



34.2864, 31.8352, 29.3328

Triad

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



34.7949, 31.8352, 35.3213



28.3350, 31.8352, 24.7386



27.9580, 31.8352, 46.1438

Complementary

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



34.7949, 31.8352, 35.3213



35.0142, 41.7528, 43.7517

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.



26.5589, 31.8352, 40.6030



34.7949, 31.8352, 35.3213



26.7688, 31.8352, 28.3309

Square

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



34.7949, 31.8352, 35.3213



30.4874, 31.8352, 23.6891



26.1344, 31.8352, 34.0132



30.0306, 31.8352, 48.5906

Rectangle

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



34.7949, 31.8352, 35.3213



33.3120, 31.8352, 26.3591



26.1344, 31.8352, 34.0132



27.3974, 31.8352, 44.5502

Sweetspot

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



34.7958, 31.8366, 35.3220



73.4462, 74.4906, 81.7186



34.5191, 31.4140, 47.9606



15.7616, 15.9218, 17.4789



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.



34.7958, 31.8366, 35.3220



59.4348, 52.5413, 58.3238



34.9161, 33.6103, 30.6355



8.6032, 8.5480, 9.4091



13.6767, 6.9883, 3.4577



0.4575, 0.2307, 0.2516

Inverse Universe

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



34.7958, 31.8366, 35.3220



59.4348, 52.5413, 58.3238



34.8117, 39.4617, 49.4985



8.6032, 8.5480, 9.4091



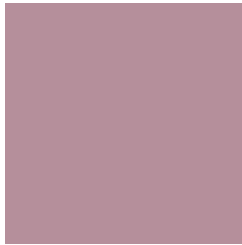
13.6767, 6.9883, 3.4577



0.4575, 0.2307, 0.2516

Previews

White Background



This preview shows how the XYZ color 34.7949, 31.8352, 35.3213 looks on a white background.

Color Contrast Check

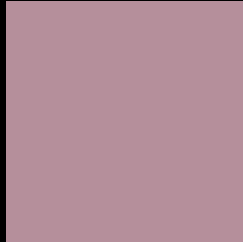
Large Text (above 18pt) WCAG AA × Fail

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 34.7949, 31.8352, 35.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

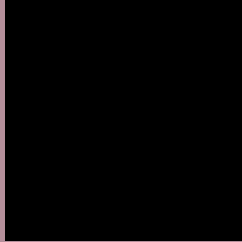
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7949, 31.8352, 35.3213

Background



This preview shows how black text looks on a background with the XYZ color 34.7949, 31.8352, 35.3213.



This preview shows how white text looks on a background with the XYZ color 34.7949, 31.8352,

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

34.7949, 31.8352, 35.3213

Protanopia

30.8998, 31.8646, 37.7796

Deuteranopia

32.5711, 31.8377, 35.0005



Tritanopia

34.7113, 31.8018, 34.8807

Trichromacy



Original Color

34.7949, 31.8352, 35.3213

Protanomaly

32.2288, 31.8560, 36.7979

Deuteranomaly

33.3452, 31.7751, 34.9476

Tritanomaly

34.7113, 31.8018, 34.8807

Monochromacy



Original Color

34.7949, 31.8352, 35.3213

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5844, 32.5329, 36.0146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7949, 31.8352, 35.3213 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, 143, 155)` looks like.

```
.text, #text, p{  
    color:rgb(181, 143, 155)  
}
```

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, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 143, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.7949, 31.8352, 35.3213 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, 143, 155) }
```


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

```
.border{ border-color:rgb(181, 143, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 143, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 143, 155);  
box-shadow:4px 4px 4px 4px rgb(181, 143,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7949, 31.8352, 35.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 143, 155) }
```

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

```
.background{ background-color: rgb(181,  
143, 155) }
```

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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