

Converting Colors

XYZ(34.9262, 32.3516, 34.5260)

Have a look what the booklet for
XYZ(34.9262, 32.3516, 34.5260)
contains.

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Color

**XYZ(34.9312, 32.3745,
34.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	B59199
RGB	181, 145, 153
RGB Percent	71%, 57%, 60%
CMY	0.2902, 0.4314, 0.4000
CMYK	0.00, 0.20, 0.15, 0.29
HSL	347°, 20%, 64%
HSV	347°, 20%, 71%
XYZ	34.9312, 32.3745, 34.5448
YIQ	156.6760, 18.8880, 10.1200

Conversions

Conversions Part 2

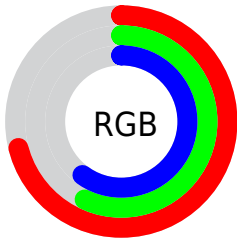
Format	Color
RYB	181, 145, 153
Decimal	11899289
CIELab	63.65, 14.82, 0.92
CIELCh	64, 14.852, 3.561
Yxy	32.3745, 0.3430, 0.3179
Android (android.graphics.Color)	4290089369 (0xFFB59199)
YUV	156.6760, -1.8123, 21.3321
Hunter-Lab	56.8986, 10.0122, 3.8323

Details

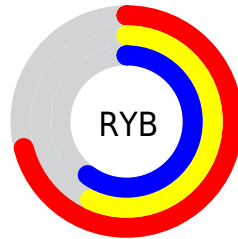
The XYZ color **34.9312, 32.3745, 34.5448** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7450, 42.0854, 45.7765**, and the grayscale version is **31.9050, 33.5666, 36.5540**.

A 20% lighter version of the original color is **66.6110, 63.3564, 67.7497**, and **15.3031, 13.5539, 14.3800** is the 20% darker color. If you saturate the color by 10%, you get **31.2877, 26.8397, 27.9277**, and if you desaturate by 10%, it is **39.1544, 38.8484, 42.0329**.

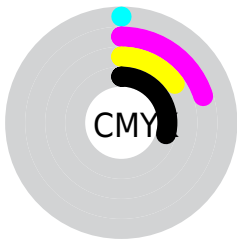
Distribution



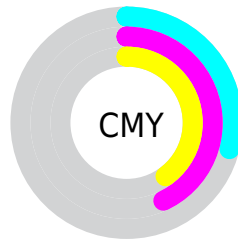
- Red (71%)
- Green (57%)
- Blue (60%)



- Red (71%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9312, 32.3745, 34.5448 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 34.9312, 32.3745, 34.5448 by changing the saturation by 10% instead.


 34.9312, 32.3745,
34.5448


 34.9312, 32.3745,
34.5448


315.7779,
312.8217, 337.3975

 23.7761, 21.6477,
23.0317


 66.7139, 63.3977,
67.9235

 15.2915, 13.5983,
14.4114

 88.0723, 84.4630,
90.6263

 9.1119, 7.8418,
8.2653

113.5624,
109.7431, 117.8959

 4.8719, 3.9939,
4.1750

143.5498,
139.6226, 150.1511

 2.2063, 1.6701,
1.7218

178.3996,
174.4858, 187.8103

 0.7460, 0.4042,
0.3756

218.4774,

 0.0000, 0.0000,

214.7171, 231.2921

0.0000

264.1483,
260.7010, 281.0150

■ 34.9312, 32.3745,
34.5448

■ 34.9312, 32.3745,
34.5448

■ 31.2877, 26.8397,
27.9277

■ 39.1544, 38.8484,
42.0329

■ 28.1956, 22.1961,
22.1476

■ 43.9785, 46.2976,
50.4202

■ 25.6283, 18.3980,
17.1711

■ 49.4271, 54.7620,
59.7363

■ 23.5558, 15.3943,
12.9621

■ 55.5215, 64.2777,
70.0086

■ 21.9450, 13.1278,
9.4812

■ 62.2821, 74.8791,
81.2634

■ 20.7589, 11.5340,
6.6855

■ 69.7284, 86.5992,
93.5261

■ 19.9538, 10.5369,
4.5274

■ 72.3164, 88.3439,
104.9669

■ 19.4477, 9.9840,
2.9425

■ 72.8661, 88.5638,
107.8618

■ 19.4427, 9.9784,
2.9274

Harmonies

Analogous

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



34.4870, 32.3745, 40.5916



34.9312, 32.3745, 34.5448



34.2201, 32.3745, 29.2984

Triad

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



34.9312, 32.3745, 34.5448



28.6158, 32.3745, 26.5532



29.0270, 32.3745, 46.5145

Complementary

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



34.9312, 32.3745, 34.5448



35.7450, 42.0854, 45.7765

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.



27.5618, 32.3745, 41.9583



34.9312, 32.3745, 34.5448



27.3320, 32.3745, 30.3994

Square

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



34.9312, 32.3745, 34.5448



30.5236, 32.3745, 25.0235



26.9549, 32.3745, 35.9654



31.0197, 32.3745, 47.9413

Rectangle

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



34.9312, 32.3745, 34.5448



33.2044, 32.3745, 26.8269



26.9549, 32.3745, 35.9654



28.4595, 32.3745, 45.2747

Sweetspot

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



34.9321, 32.3760, 34.5455



73.2672, 74.4189, 80.7758



35.6122, 32.4273, 48.0984



15.7191, 15.9048, 17.2553



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.



34.9321, 32.3760, 34.5455



59.4908, 53.3058, 56.3306



35.8228, 35.1792, 31.6921



8.5711, 8.5352, 9.2399



13.4254, 6.8877, 2.1344



0.4444, 0.2255, 0.1828

Inverse Universe

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



34.9321, 32.3760, 34.5455



59.4908, 53.3058, 56.3306



34.6573, 38.6341, 49.3468



8.5711, 8.5352, 9.2399



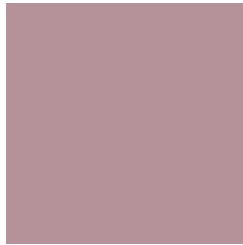
13.4254, 6.8877, 2.1344



0.4444, 0.2255, 0.1828

Previews

White Background



This preview shows how the XYZ color 34.9312, 32.3745, 34.5448 looks on a white background.

Color Contrast Check

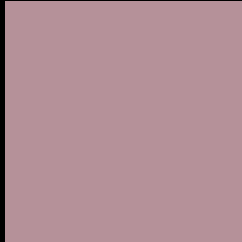
Large Text (above 18pt) WCAG AA × Fail

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 34.9312, 32.3745, 34.5448 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 34.9312, 32.3745, 34.5448

Background



This preview shows how black text looks on a background with the XYZ color 34.9312, 32.3745, 34.5448.



This preview shows how white text looks on a background with the XYZ color 34.9312, 32.3745,

34.5448.

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

34.9312, 32.3745, 34.5448

Protanopia

31.4375, 32.6477, 36.9925

Deuteranopia

32.9925, 32.3079, 34.2029



Tritanopia

35.1822, 32.4749, 35.8665

Trichromacy



Original Color

34.9312, 32.3745, 34.5448

Protanomaly

32.5844, 32.5329, 36.0146

Deuteranomaly

33.7130, 32.4455, 34.1915

Tritanomaly

35.0978, 32.4411, 35.4222

Monochromacy



Original Color

34.9312, 32.3745, 34.5448

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.1179, 33.2898, 36.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9312, 32.3745, 34.5448 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, 145, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 145, 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(181, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 145, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.9312, 32.3745, 34.5448 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, 145, 153) }
```


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

```
.border{ border-color:rgb(181, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 145,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9312, 32.3745, 34.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 145, 153) }
```

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

```
.background{ background-color: rgb(181,  
145, 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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