

Converting Colors

XYZ(34.3556, 32.0603, 35.5840)

Have a look what the booklet for
XYZ(34.3556, 32.0603, 35.5840)
contains.

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Color

**XYZ(34.4019, 32.0823,
35.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	B2919B
RGB	178, 145, 155
RGB Percent	70%, 57%, 61%
CMY	0.3020, 0.4314, 0.3922
CMYK	0.00, 0.19, 0.13, 0.30
HSL	342°, 18%, 63%
HSV	342°, 19%, 70%
XYZ	34.4019, 32.0823, 35.3897
YIQ	156.0070, 16.4580, 10.1060

Conversions

Conversions Part 2

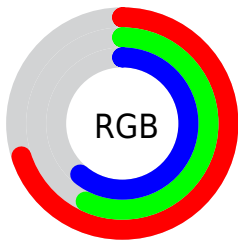
Format	Color
R_{YB}	178, 145, 155
Decimal	11702683
CIE _{Lab}	63.41, 14.04, -0.60
CIE _{LCh}	63, 14.054, 357.573
Yxy	32.0823, 0.3377, 0.3149
Android (android.graphics.Color)	4289892763 (0xFFB2919B)
YUV	156.0070, -0.4965, 19.2879
Hunter-Lab	56.6412, 9.2925, 2.6042

Details

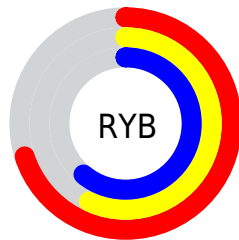
The XYZ color **34.4019, 32.0823, 35.3897** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6666, 40.6885, 43.0742**, and the grayscale version is **31.6008, 33.2465, 36.2054**.

A 20% lighter version of the original color is **65.8637, 62.9427, 68.9994**, and **14.9588, 13.3649, 14.8880** is the 20% darker color. If you saturate the color by 10%, you get **30.9032, 26.6675, 29.3441**, and if you desaturate by 10%, it is **38.4356, 38.3951, 42.1427**.

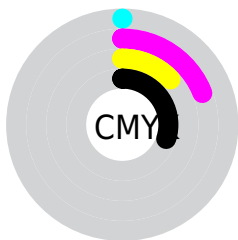
Distribution



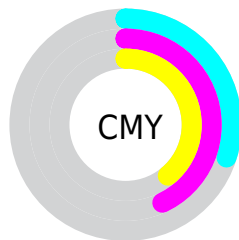
- Red (70%)
- Green (57%)
- Blue (61%)



- Red (70%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (30%)





- Cyan (30%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4019, 32.0823, 35.3897 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 34.4019, 32.0823, 35.3897 by changing the saturation by 10% instead.


 34.4019, 32.0823,
35.3897


 34.4019, 32.0823,
35.3897


313.4749,
311.4940, 341.2415

 23.3669, 21.4244,
23.6773


 65.8983, 62.9401,
69.2474

 14.9868, 13.4346,
14.8844

 87.0904, 83.9087,
92.2298

 8.8964, 7.7285,
8.5926

112.3989,
109.0831, 119.8060

 4.7302, 3.9217,
4.3832

142.1892,
138.8475, 152.3944

 2.1230, 1.6299,
1.8379

176.8265,
173.5864, 190.4136

 0.7017, 0.3776,
0.4528

216.6764,

 0.0000, 0.0000,

213.6842, 234.2821

0.0000

262.1040,
259.5253, 284.4186

■ 34.4019, 32.0823,
35.3897

■ 34.4019, 32.0823,
35.3897

■ 30.9032, 26.6675,
29.3441

■ 38.4356, 38.3951,
42.1427

■ 27.9139, 22.1055,
23.9804

■ 43.0233, 45.6399,
49.6234

■ 25.4101, 18.3537,
19.2742

■ 48.1861, 53.8540,
57.8539

■ 23.3650, 15.3641,
15.1992

■ 53.9434, 63.0716,
66.8546

■ 21.7489, 13.0835,
11.7268

■ 60.3136, 73.3250,
76.6453

■ 20.5286, 11.4518,
8.8263

■ 67.3144, 84.6453,
87.2449

■ 19.6656, 10.3989,
6.4636

■ 70.1250, 87.3870,
97.0591

■ 19.0961, 9.8046,
4.5945

■ 72.0512, 88.1574,
107.2021

■ 19.0245, 9.7307,
4.3567

■ 72.1703, 88.2051,
107.8292

Harmonies

Analogous

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



33.7747, 32.0823, 41.0236



34.4019, 32.0823, 35.3897



33.9453, 32.0823, 30.1859

Triad

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



34.4019, 32.0823, 35.3897



28.7875, 32.0823, 26.2383



28.5232, 32.0823, 44.8211

Complementary

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



34.4019, 32.0823, 35.3897



34.6666, 40.6885, 43.0742

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.



27.2836, 32.0823, 40.1515



34.4019, 32.0823, 35.3897



27.4316, 32.0823, 29.4757

Square

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



34.4019, 32.0823, 35.3897



30.6526, 32.0823, 25.2495



26.8925, 32.0823, 34.4786



30.3345, 32.0823, 46.8191

Rectangle

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



34.4019, 32.0823, 35.3897



33.0981, 32.0823, 27.5786



26.8925, 32.0823, 34.4786



28.0288, 32.0823, 43.4889

Sweetspot

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



34.4028, 32.0837, 35.3904



71.6304, 72.6653, 79.6006



34.2152, 31.7422, 46.4434



15.7557, 15.9194, 17.4483



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.



34.4028, 32.0837, 35.3904



59.8355, 54.2183, 59.8145



34.5467, 33.6600, 31.4660



8.5988, 8.5462, 9.3859



13.6370, 6.9724, 3.2486



0.4557, 0.2300, 0.2422

Inverse Universe

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



34.4028, 32.0837, 35.3904



59.8355, 54.2183, 59.8145



34.4570, 38.7211, 47.7778



8.5988, 8.5462, 9.3859



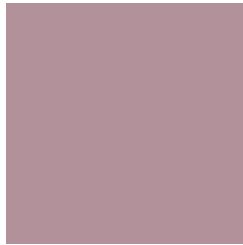
13.6370, 6.9724, 3.2486



0.4557, 0.2300, 0.2422

Previews

White Background



This preview shows how the XYZ color 34.4019, 32.0823, 35.3897 looks on a white background.

Color Contrast Check

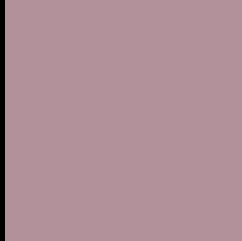
Large Text (above 18pt) WCAG AA × Fail

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 34.4019, 32.0823, 35.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

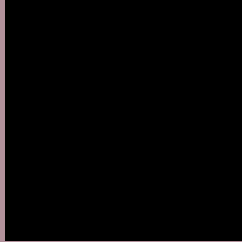
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4019, 32.0823, 35.3897

Background



This preview shows how black text looks on a background with the XYZ color 34.4019, 32.0823, 35.3897.



This preview shows how white text looks on a background with the XYZ color 34.4019, 32.0823,

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

34.4019, 32.0823, 35.3897

Protanopia

31.2540, 32.2891, 37.8429

Deuteranopia

32.7286, 32.1528, 35.0530



Tritanopia

34.4862, 32.1161, 35.8339

Trichromacy



Original Color

34.4019, 32.0823, 35.3897

Protanomaly

32.1822, 32.0678, 36.8413

Deuteranomaly

33.4359, 32.2836, 35.0409

Tritanomaly

34.4862, 32.1161, 35.8339

Monochromacy



Original Color

34.4019, 32.0823, 35.3897

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5388, 32.7493, 36.0588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4019, 32.0823, 35.3897 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(178, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(178, 145, 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(178, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 145, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.4019, 32.0823, 35.3897 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(178, 145, 155) }
```


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

```
.border{ border-color:rgb(178, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(178, 145,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4019, 32.0823, 35.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 145, 155) }
```

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

```
.background{ background-color: rgb(178,  
145, 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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