

Converting Colors

XYZ(34.8884, 32.0139, 28.3856)

Have a look what the booklet for
XYZ(34.8884, 32.0139, 28.3856)
contains.

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Color

**XYZ(34.9034, 32.0447,
28.3904)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8F8A
RGB	187, 143, 138
RGB Percent	73%, 56%, 54%
CMY	0.2667, 0.4392, 0.4588
CMYK	0.00, 0.24, 0.26, 0.27
HSL	6°, 26%, 64%
HSV	6°, 26%, 73%
XYZ	34.9034, 32.0447, 28.3904
YIQ	155.5860, 27.8290, 7.7730

Conversions

Conversions Part 2

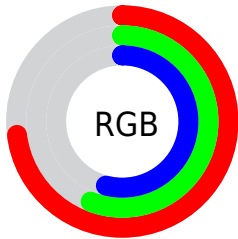
Format	Color
R_{YB}	187, 144, 138
Decimal	12291978
CIE _{Lab}	63.38, 15.90, 9.09
CIE _{LCh}	63, 18.313, 29.761
Yxy	32.0447, 0.3661, 0.3361
Android (android.graphics.Color)	4290482058 (0xFFBB8F8A)
YUV	155.5860, -8.6699, 27.5501
Hunter-Lab	56.6080, 10.9955, 9.8902

Details

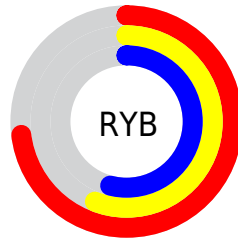
The XYZ color **34.9034, 32.0447, 28.3904** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1783, 42.4457, 53.2998**, and the grayscale version is **31.4450, 33.0825, 36.0269**.

A 20% lighter version of the original color is **66.6784, 62.9272, 57.9220**, and **15.2615, 13.3454, 11.0041** is the 20% darker color. If you saturate the color by 10%, you get **31.3297, 26.8806, 21.0849**, and if you desaturate by 10%, it is **39.0892, 38.0596, 37.0507**.

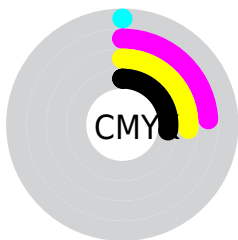
Distribution



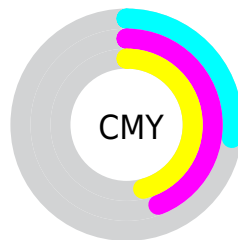
- Red (73%)
- Green (56%)
- Blue (54%)



- Red (73%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (26%)
- Black (27%)





- Cyan (27%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9034, 32.0447, 28.3904 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 34.9034, 32.0447, 28.3904 by changing the saturation by 10% instead.


 34.9034, 32.0447,
28.3904


 34.9034, 32.0447,
28.3904


315.6572,
311.3228, 308.2981


 23.7546, 21.3956,
18.3786


 66.6711, 62.8812,
58.1377

 15.2755, 13.4135,
11.0499

 88.0208, 83.8373,
78.7103

 9.1005, 7.7139,
5.9858

 113.5014,
108.9980, 103.6401

 4.8644, 3.9124,
2.7678

143.4784,
138.7476, 133.3459

 2.2019, 1.6247,
0.9773

178.3172,
173.4705, 168.2460

 0.7437, 0.3742,
0.0000

218.3830,

 0.0000, 0.0000,

213.5511, 208.7590

0.0000

264.0412,
259.3737, 255.3036

■ 34.9034, 32.0447,
28.3904

■ 34.9034, 32.0447,
28.3904

■ 31.3297, 26.8806,
21.0849

■ 39.0892, 38.0596,
37.0507

■ 28.3370, 22.5246,
15.0638

■ 43.9113, 44.9566,
47.1274

■ 25.8950, 18.9370,
10.2533

■ 49.3957, 52.7708,
58.6809

■ 23.9700, 16.0732,
6.5712

■ 55.5663, 61.5342,
71.7672

■ 22.5243, 13.8838,
3.9252

■ 62.4455, 71.2773,
86.4396

■ 21.5151, 12.3131,
2.2084

■ 70.0551, 82.0289,
102.7488

■ 20.8903, 11.2960,
1.2832

■ 74.3036, 89.3048,
107.9291

■ 20.7281, 11.0338,
1.0372

Harmonies

Analogous

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



35.6145, 32.0447, 34.9498



34.9034, 32.0447, 28.3904



32.9875, 32.0447, 24.1357

Triad

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



34.9034, 32.0447, 28.3904



26.4248, 32.0447, 28.3021



30.4371, 32.0447, 50.8551

Complementary

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



34.9034, 32.0447, 28.3904



36.1783, 42.4457, 53.2998

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.



28.0603, 32.0447, 48.4444



34.9034, 32.0447, 28.3904



25.8241, 32.0447, 34.8327

Square

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



34.9034, 32.0447, 28.3904



28.0939, 32.0447, 24.0900



26.4062, 32.0447, 42.3156



32.9502, 32.0447, 48.5173

Rectangle

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



34.9034, 32.0447, 28.3904



31.3352, 32.0447, 22.8433



26.4062, 32.0447, 42.3156



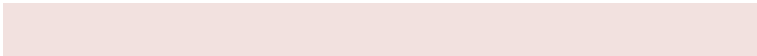
29.5964, 32.0447, 50.5690

Sweetspot

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



34.9043, 32.0462, 28.3911



76.8900, 78.0111, 80.7253



38.0361, 32.1236, 48.5061



16.6353, 16.7547, 17.1548



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9043, 32.0462, 28.3911



58.9882, 52.3076, 43.6205



38.9733, 40.1842, 29.7474



9.6065, 9.6889, 9.9405



14.3077, 7.6541, 0.7233



0.5870, 0.3530, 0.0372

Inverse Universe

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



36.1783, 42.4457, 53.2998



61.6217, 73.8351, 95.2052



31.6099, 33.3090, 51.7770



9.7231, 10.6385, 12.2132



15.8465, 21.8047, 35.7664



0.6450, 0.9027, 1.4091

Previews

White Background



This preview shows how the XYZ color 34.9034, 32.0447, 28.3904 looks on a white background.

Color Contrast Check

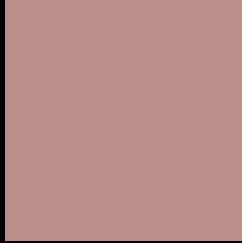
Large Text (above 18pt) WCAG AA × Fail

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 34.9034, 32.0447, 28.3904 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 34.9034, 32.0447, 28.3904

Background



This preview shows how black text looks on a background with the XYZ color 34.9034, 32.0447, 28.3904.



This preview shows how white text looks on a background with the XYZ color 34.9034, 32.0447,

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

34.9034, 32.0447, 28.3904

Protanopia

30.6472, 32.1366, 30.5743

Deuteranopia

32.7845, 32.0999, 28.1349



Tritanopia

36.1786, 32.1356, 34.0017

Trichromacy



Original Color

34.9034, 32.0447, 28.3904

Protanomaly

31.9174, 31.8530, 29.6653

Deuteranomaly

33.3846, 31.9476, 28.0739

Tritanomaly

35.6785, 32.1440, 31.9277

Monochromacy



Original Color

34.9034, 32.0447, 28.3904

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.4278, 32.5186, 33.0014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9034, 32.0447, 28.3904 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(187, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(187, 143, 138)  
}
```

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(187, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 143, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.9034, 32.0447, 28.3904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

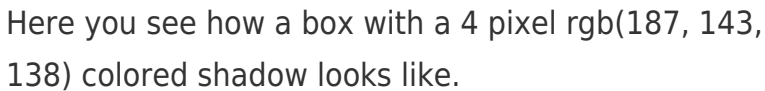
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 143, 138) }
```


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

```
.border{ border-color:rgb(187, 143, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(187, 143,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9034, 32.0447, 28.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 143, 138) }
```

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

```
.background{ background-color: rgb(187,  
143, 138) }
```

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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