

Converting Colors

XYZ(35.5782, 32.3579, 35.5594)

Have a look what the booklet for
XYZ(35.5782, 32.3579, 35.5594)
contains.

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Color

**XYZ(35.6568, 32.5034,
35.4048)**

Conversions

Conversions Part 1

Format	Color
Hex	B8909B
RGB	184, 144, 155
RGB Percent	72%, 56%, 61%
CMY	0.2784, 0.4353, 0.3922
CMYK	0.00, 0.22, 0.16, 0.28
HSL	344°, 22%, 64%
HSV	344°, 22%, 72%
XYZ	35.6568, 32.5034, 35.4048
YIQ	157.2140, 20.3090, 11.9010

Conversions

Conversions Part 2

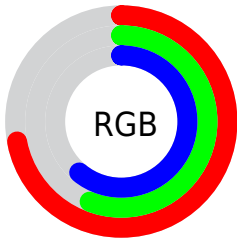
Format	Color
RYB	184, 144, 155
Decimal	12095643
CIELab	63.76, 16.83, -0.02
CIELCh	64, 16.831, 359.938
Yxy	32.5034, 0.3443, 0.3138
Android (android.graphics.Color)	4290285723 (0xFFB8909B)
YUV	157.2140, -1.0915, 23.4913
Hunter-Lab	57.0118, 11.8685, 3.0886

Details

The XYZ color **35.6568, 32.5034, 35.4048** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1862, 43.2282, 45.9739**, and the grayscale version is **32.1432, 33.8172, 36.8269**.

A 20% lighter version of the original color is **67.6379, 63.5169, 69.0167**, and **15.6190, 13.5740, 14.8935** is the 20% darker color. If you saturate the color by 10%, you get **32.0346, 26.9539, 28.9717**, and if you desaturate by 10%, it is **39.8588, 39.0137, 42.6427**.

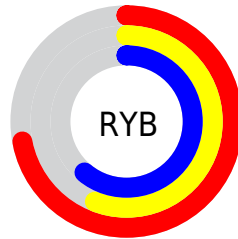
Distribution



Red (72%)

Green (56%)

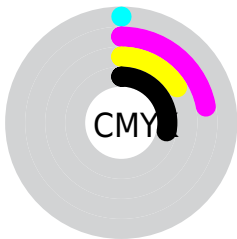
Blue (61%)



Red (72%)

Yellow (56%)

Blue (61%)

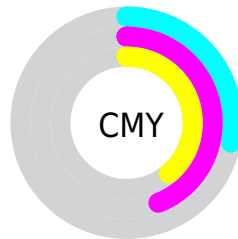


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (28%)



Cyan (28%)

Magenta (44%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6568, 32.5034, 35.4048 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 35.6568, 32.5034, 35.4048 by changing the saturation by 10% instead.


 35.6568, 32.5034,
35.4048


 35.6568, 32.5034,
35.4048


318.9155,
313.4061, 341.3099

 24.3381, 21.7463,
23.6888


 67.8294, 63.5994,
69.2711

 15.7107, 13.6706,
14.8929


 89.4140, 84.7071,
92.2584

 9.4092, 7.8919,
8.5985


115.1512,
110.0339, 119.8400

 5.0683, 4.0259,
4.3870

145.4066,
139.9639, 152.4343

 2.3226, 1.6880,
1.8400

180.5453,
174.8818, 190.4599

 0.8062, 0.4159,
0.4541

220.9328,

 0.0000, 0.0000,

215.1719, 234.3354

0.0000

266.9344,
261.2185, 284.4792

■ 35.6568, 32.5034,
35.4048

■ 35.6568, 32.5034,
35.4048

■ 32.0346, 26.9539,
28.9717

■ 39.8588, 39.0137,
42.6427

■ 28.9636, 22.3154,
23.3130

■ 44.6623, 46.5231,
50.7104

■ 26.4166, 18.5399,
18.3991

■ 50.0909, 55.0727,
59.6343

■ 24.3631, 15.5736,
14.1980

■ 56.1665, 64.7005,
69.4388

■ 22.7692, 13.3563,
10.6747

■ 62.9097, 75.4423,
80.1475

■ 21.5965, 11.8193,
7.7915

■ 70.3400, 87.3322,
91.7830

■ 20.7999, 10.8814,
5.5060

■ 72.5310, 88.5119,
102.3854

■ 20.3558, 10.4258,
4.0242

■ 73.5773, 88.9304,
107.8951

Harmonies

Analogous

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



34.9894, 32.5034, 42.3078



35.6568, 32.5034, 35.4048



34.9948, 32.5034, 29.2934

Triad

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



35.6568, 32.5034, 35.4048



28.6839, 32.5034, 25.2817



28.6758, 32.5034, 47.8712

Complementary

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



35.6568, 32.5034, 35.4048



36.1862, 43.2282, 45.9739

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.



27.1259, 32.5034, 42.2802



35.6568, 32.5034, 35.4048



27.1304, 32.5034, 29.2719

Square

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



35.6568, 32.5034, 35.4048



30.8984, 32.5034, 23.9212



26.5745, 32.5034, 35.3766



30.8886, 32.5034, 50.0412

Rectangle

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



35.6568, 32.5034, 35.4048



33.9069, 32.5034, 26.3475



26.5745, 32.5034, 35.3766



28.0641, 32.5034, 46.2972

Sweetspot

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



35.6577, 32.5049, 35.4055



76.1390, 76.7815, 83.8676



35.7860, 32.2551, 49.6874



16.3041, 16.3808, 17.8952



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.



35.6577, 32.5049, 35.4055



61.4256, 53.9847, 58.5240



36.1390, 34.8788, 31.2149



9.1034, 9.0517, 9.8917



14.0552, 7.1958, 2.9113



0.5225, 0.2645, 0.2450

Inverse Universe

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



35.6577, 32.5049, 35.4055



61.4256, 53.9847, 58.5240



35.5494, 40.1808, 51.2298



9.1034, 9.0517, 9.8917



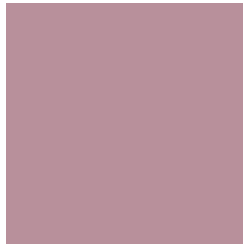
14.0552, 7.1958, 2.9113



0.5225, 0.2645, 0.2450

Previews

White Background



This preview shows how the XYZ color 35.6568, 32.5034, 35.4048 looks on a white background.

Color Contrast Check

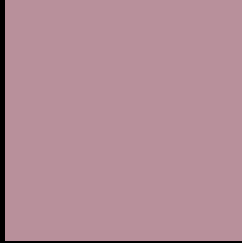
Large Text (above 18pt) WCAG AA × Fail

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 35.6568, 32.5034, 35.4048 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 35.6568, 32.5034, 35.4048

Background



This preview shows how black text looks on a background with the XYZ color 35.6568, 32.5034, 35.4048.



This preview shows how white text looks on a background with the XYZ color 35.6568, 32.5034,

35.4048.

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

35.6568, 32.5034, 35.4048

Protanopia

31.6989, 32.7523, 38.3693

Deuteranopia

33.3166, 32.6918, 35.1260



Tritanopia

35.6568, 32.5034, 35.4048

Trichromacy



Original Color

35.6568, 32.5034, 35.4048

Protanomaly

32.8902, 32.4229, 37.3256

Deuteranomaly

34.1018, 32.6269, 35.0721

Tritanomaly

35.6568, 32.5034, 35.4048

Monochromacy



Original Color

35.6568, 32.5034, 35.4048

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.1653, 33.0723, 36.0881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6568, 32.5034, 35.4048 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, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(184, 144, 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(184, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 144, 155) }
```

Border

The CSS property to change the border of an element to XYZ 35.6568, 32.5034, 35.4048 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, 144, 155) }
```


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

```
.border{ border-color:rgb(184, 144, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 144, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(184, 144,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6568, 32.5034, 35.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 144, 155) }
```

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

```
.background{ background-color: rgb(184,  
144, 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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