

Converting Colors

XYZ(35.3445, 34.8080, 41.7803)

Have a look what the booklet for
XYZ(35.3445, 34.8080, 41.7803)
contains.

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Color

**XYZ(35.3668, 34.8159,
41.9019)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9BA8
RGB	170, 155, 168
RGB Percent	67%, 61%, 66%
CMY	0.3333, 0.3921, 0.3412
CMYK	0.00, 0.09, 0.01, 0.33
HSL	308°, 8%, 64%
HSV	308°, 9%, 67%
XYZ	35.3668, 34.8159, 41.9019
YIQ	160.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

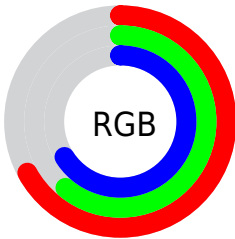
Format	Color
RYB	170, 155, 168
Decimal	11180968
CIELab	65.61, 7.88, -4.78
CIELCh	66, 9.218, 328.791
Yxy	34.8159, 0.3155, 0.3106
Android (android.graphics.Color)	4289371048 (0xFFAA9BA8)
YUV	160.9670, 3.4673, 7.9219
Hunter-Lab	59.0050, 3.7317, -0.8008

Details

The XYZ color **35.3668, 34.8159, 41.9019** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9794, 38.1533, 37.4735**, and the grayscale version is **33.8446, 35.6072, 38.7762**.

A 20% lighter version of the original color is **67.1711, 66.9362, 79.1917**, and **15.5739, 15.0131, 18.6000** is the 20% darker color. If you saturate the color by 10%, you get **32.5254, 29.4677, 39.9221**, and if you desaturate by 10%, it is **38.6122, 40.9653, 44.0354**.

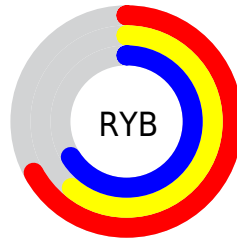
Distribution



Red (67%)

Green (61%)

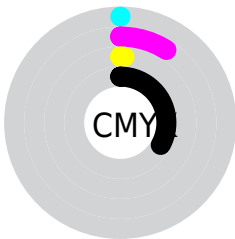
Blue (66%)



Red (67%)

Yellow (61%)

Blue (66%)

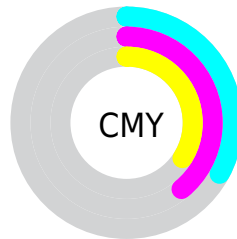


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (33%)



Cyan (33%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3668, 34.8159, 41.9019 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 35.3668, 34.8159, 41.9019 by changing the saturation by 10% instead.


 35.3668, 34.8159,
41.9019

 35.3668, 34.8159,
41.9019


317.6641,
323.7550, 369.8638

 24.1134, 23.5211,
28.6995


 67.3839, 67.2005,
79.3196

 15.5430, 14.9788,
18.6100

 88.8783, 89.0590,
104.3720

 9.2901, 8.8045,
11.2149


114.5171,
115.2076, 134.2115

 4.9895, 4.6139,
6.0956

144.6656,
146.0306, 169.2565

 2.2758, 2.0225,
2.8335

179.6892,
181.9125, 209.9258

 0.7822, 0.6205,
1.0103

219.9533,

 0.0000, 0.0000,

223.2376, 256.6377

0.0000

265.8231,
270.3903, 309.8108

■ 35.3668, 34.8159,
41.9019

■ 35.3668, 34.8159,
41.9019

■ 32.5254, 29.4677,
39.9221

■ 38.6122, 40.9653,
44.0354

■ 30.0684, 24.8830,
38.0881

■ 42.2743, 47.9424,
46.3256

■ 27.9791, 21.0278,
36.3946

■ 46.3687, 55.7783,
48.7783

■ 26.2384, 17.8640,
34.8353

■ 50.9095, 64.5010,
51.3982

■ 24.8254, 15.3498,
33.4030

■ 55.9101, 74.1374,
54.1899

■ 23.7170, 13.4391,
32.0899

■ 60.7404, 83.4272,
56.9435

■ 22.8870, 12.0794,
30.8872

■ 60.9761, 83.5215,
58.1842

■ 22.3048, 11.2096,
29.7847

■ 61.2155, 83.6172,
59.4450

■ 21.9129, 10.7150,
28.7630

■ 61.4587, 83.7145,
60.7259

Harmonies

Analogous

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



34.3603, 34.8159, 44.8204



35.3668, 34.8159, 41.9019



35.7612, 34.8159, 38.0661

Triad

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



35.3668, 34.8159, 41.9019



33.1464, 34.8159, 30.9368



30.8634, 34.8159, 41.6114

Complementary

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



35.3668, 34.8159, 41.9019



33.9794, 38.1533, 37.4735

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.



30.5580, 34.8159, 37.7515



35.3668, 34.8159, 41.9019



31.8543, 34.8159, 31.7466

Square

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



35.3668, 34.8159, 41.9019



34.4579, 34.8159, 31.8865



30.9159, 34.8159, 34.1774



31.7616, 34.8159, 44.6448

Rectangle

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



35.3668, 34.8159, 41.9019



35.6160, 34.8159, 35.5589



30.9159, 34.8159, 34.1774



30.6891, 34.8159, 40.3596

Sweetspot

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



35.3678, 34.8174, 41.9027



67.4744, 69.4244, 78.2243



32.8832, 33.5148, 42.7666



14.9423, 15.2833, 17.3756



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.3678, 34.8174, 41.9027



62.8790, 60.7347, 75.1478



34.6891, 34.5459, 38.3286



7.7982, 7.6492, 9.2547



16.1025, 7.8497, 21.1492



0.4033, 0.1956, 0.5751

Inverse Universe

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



35.3678, 34.8174, 41.9027



62.8790, 60.7347, 75.1478



34.6396, 38.4174, 40.9498



7.7982, 7.6492, 9.2547



16.1025, 7.8497, 21.1492



0.4033, 0.1956, 0.5751

Previews

White Background



This preview shows how the XYZ color 35.3668, 34.8159, 41.9019 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 35.3668, 34.8159, 41.9019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

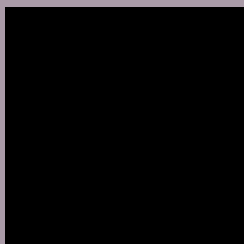
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3668, 34.8159, 41.9019

Background



This preview shows how black text looks on a background with the XYZ color 35.3668, 34.8159, 41.9019.



This preview shows how white text looks on a background with the XYZ color 35.3668, 34.8159,

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

35.3668, 34.8159, 41.9019

Protanopia

33.7806, 34.7269, 42.9527

Deuteranopia

35.5838, 34.9278, 41.9121



Tritanopia

35.2740, 34.7788, 41.4130

Trichromacy



Original Color

35.3668, 34.8159, 41.9019

Protanomaly

34.3227, 34.7650, 42.4374

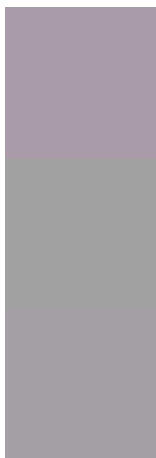
Deuteranomaly

35.5838, 34.9278, 41.9121

Tritanomaly

35.2740, 34.7788, 41.4130

Monochromacy



Original Color

35.3668, 34.8159, 41.9019

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4088, 35.3691, 40.1353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3668, 34.8159, 41.9019 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(170, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 168)  
}
```

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(170, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.3668, 34.8159, 41.9019 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(170, 155, 168) }
```


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

```
.border{ border-color:rgb(170, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(170, 155,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3668, 34.8159, 41.9019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 155, 168) }
```

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

```
.background{ background-color: rgb(170,  
155, 168) }
```

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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