

Converting Colors

XYZ(34.5038, 34.3638, 35.5646)

Have a look what the booklet for
XYZ(34.5038, 34.3638, 35.5646)
contains.

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Color

**XYZ(34.4016, 34.2150,
35.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9A9A
RGB	172, 154, 154
RGB Percent	67%, 60%, 60%
CMY	0.3255, 0.3961, 0.3961
CMYK	0.00, 0.10, 0.10, 0.33
HSL	0°, 10%, 64%
HSV	0°, 10%, 67%
XYZ	34.4016, 34.2150, 35.3628
YIQ	159.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

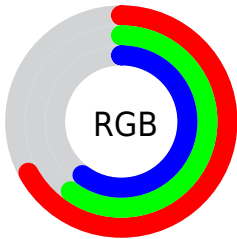
Format	Color
RYB	172, 154, 154
Decimal	11311770
CIELab	65.13, 6.62, 2.41
CIELCh	65, 7.042, 20.001
Yxy	34.2150, 0.3309, 0.3291
Android (android.graphics.Color)	4289501850 (0xFFAC9A9A)
YUV	159.3820, -2.6533, 11.0660
Hunter-Lab	58.4936, 2.6167, 5.1012

Details

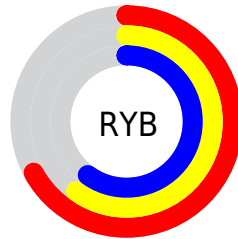
The XYZ color **34.4016, 34.2150, 35.3628** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5251, 39.3527, 44.7535**, and the grayscale version is **33.1387, 34.8645, 37.9674**.

A 20% lighter version of the original color is **65.6196, 65.9967, 68.9546**, and **15.0442, 14.6728, 14.8712** is the 20% darker color. If you saturate the color by 10%, you get **30.4328, 28.4078, 27.4714**, and if you desaturate by 10%, it is **38.9842, 40.9206, 44.4724**.

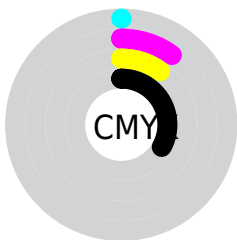
Distribution



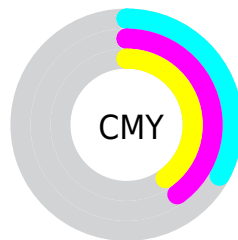
- Red (67%)
- Green (60%)
- Blue (60%)



- Red (67%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (33%)





- Cyan (33%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4016, 34.2150, 35.3628 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 34.4016, 34.2150, 35.3628 by changing the saturation by 10% instead.


 34.4016, 34.2150,
35.3628


 34.4016, 34.2150,
35.3628


313.4736,
321.0897, 341.1196

 23.3666, 23.0588,
23.6567


 65.8979, 66.2679,
69.2054

 14.9866, 14.6369,
14.8693


 87.0899, 87.9334,
92.1789

 8.8963, 8.5650,
8.5821


112.3983,
113.8707, 119.7453

 4.7302, 4.4585,
4.3766

142.1884,
144.4644, 152.3231

 2.1229, 1.9332,
1.8341

176.8257,
180.0987, 190.3310

 0.7016, 0.5682,
0.4503

216.6754,

 0.0000, 0.0000,

221.1581, 234.1873

0.0000

262.1029,
268.0269, 284.3106

■ 34.4016, 34.2150,
35.3628

■ 34.4016, 34.2150,
35.3628

■ 30.4328, 28.4078,
27.4714

■ 38.9842, 40.9206,
44.4724

■ 27.0491, 23.4566,
20.7445

■ 44.2022, 48.5557,
54.8465

■ 24.2238, 19.3223,
15.1277

■ 50.0795, 57.1554,
66.5315

■ 21.9267, 15.9610,
10.5613

■ 56.6380, 66.7519,
79.5709

■ 20.1252, 13.3248,
6.9802

■ 63.8985, 77.3756,
94.0063

■ 18.7827, 11.3602,
4.3118

■ 70.8234, 87.5107,
107.7662

■ 17.8578, 10.0067,
2.4736

■ 17.3017, 9.1928,
1.3685

■ 17.0138, 8.7714,
0.7963

Harmonies

Analogous

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



34.4937, 34.2150, 38.2398



34.4016, 34.2150, 35.3628



33.7995, 34.2150, 33.1082

Triad

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



34.4016, 34.2150, 35.3628



31.0384, 34.2150, 33.7535



32.1804, 34.2150, 43.0746

Complementary

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



34.4016, 34.2150, 35.3628



35.5251, 39.3527, 44.7535

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.



31.2738, 34.2150, 41.7329



34.4016, 34.2150, 35.3628



30.6237, 34.2150, 36.2859

Square

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



34.4016, 34.2150, 35.3628



31.8530, 34.2150, 32.2134



30.7089, 34.2150, 39.2121



33.1969, 34.2150, 42.7955

Rectangle

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



34.4016, 34.2150, 35.3628



33.1969, 34.2150, 32.2133



30.7089, 34.2150, 39.2121



31.8530, 34.2150, 42.7956

Sweetspot

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



34.4026, 34.2165, 35.3635



68.4618, 70.9273, 76.1841



36.0156, 34.8609, 43.8607



14.7314, 15.1991, 16.2644



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.



34.4026, 34.2165, 35.3635



60.3082, 58.9967, 59.9739



35.9436, 37.2986, 35.8772



8.0054, 8.0156, 8.3386



12.6610, 6.5274, 0.5926



0.3523, 0.1817, 0.0165

Inverse Universe

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



35.5251, 39.3527, 44.7535



62.8353, 70.5597, 81.1134



33.8704, 36.0434, 44.2020



8.2362, 9.0718, 10.2696



16.5151, 24.1641, 32.8382



0.4595, 0.6723, 0.9135

Previews

White Background



This preview shows how the XYZ color 34.4016, 34.2150, 35.3628 looks on a white background.

Color Contrast Check

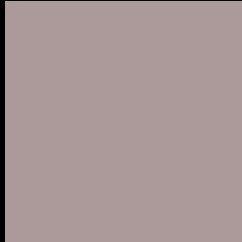
Large Text (above 18pt) WCAG AA × Fail

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 34.4016, 34.2150, 35.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

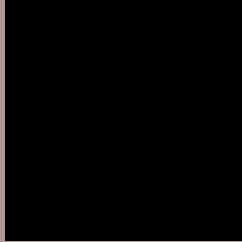
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4016, 34.2150, 35.3628

Background



This preview shows how black text looks on a background with the XYZ color 34.4016, 34.2150, 35.3628.



This preview shows how white text looks on a background with the XYZ color 34.4016, 34.2150,

35.3628.

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

34.4016, 34.2150, 35.3628

Protanopia

32.7557, 34.0913, 36.3064

Deuteranopia

34.9032, 34.2295, 35.3392



Tritanopia

35.1627, 34.0210, 39.8354

Trichromacy



Original Color

34.4016, 34.2150, 35.3628

Protanomaly

33.3219, 34.1428, 35.8443

Deuteranomaly

34.6795, 34.1142, 35.3287

Tritanomaly

34.9700, 34.2048, 38.0168

Monochromacy



Original Color

34.4016, 34.2150, 35.3628

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4526, 34.4408, 36.7829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4016, 34.2150, 35.3628 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(172, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(172, 154, 154)  
}
```

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(172, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 34.4016, 34.2150, 35.3628 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(172, 154, 154) }
```


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

```
.border{ border-color:rgb(172, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(172, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4016, 34.2150, 35.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 154, 154) }
```

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

```
.background{ background-color: rgb(172,  
154, 154) }
```

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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