

Converting Colors

XYZ(35.0160, 33.0186, 38.7101)

Have a look what the booklet for
XYZ(35.0160, 33.0186, 38.7101)
contains.

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Color

**XYZ(35.0160, 33.0186,
38.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	B094A2
RGB	176, 148, 162
RGB Percent	69%, 58%, 64%
CMY	0.3098, 0.4196, 0.3647
CMYK	0.00, 0.16, 0.08, 0.31
HSL	330°, 15%, 64%
HSV	330°, 16%, 69%
XYZ	35.0160, 33.0186, 38.7101
YIQ	157.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

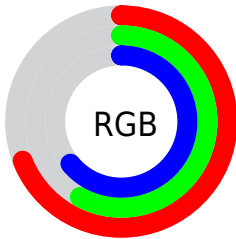
Format	Color
RYB	176, 148, 162
Decimal	11572386
CIELab	64.18, 12.85, -3.45
CIElCh	64, 13.306, 344.978
Yxy	33.0186, 0.3280, 0.3093
Android (android.graphics.Color)	4289762466 (0xFFB094A2)
YUV	157.9680, 1.9878, 15.8141
Hunter-Lab	57.4618, 8.2159, 0.2816

Details

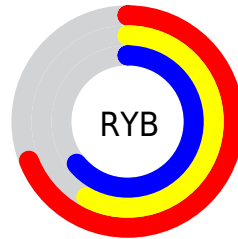
The XYZ color **35.0160, 33.0186, 38.7101** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.2610, 39.9561, 40.0909**, and the grayscale version is **32.4731, 34.1642, 37.2048**.

A 20% lighter version of the original color is **66.9236, 64.4066, 74.5501**, and **15.2575, 13.8861, 16.6280** is the 20% darker color. If you saturate the color by 10%, you get **31.7075, 27.6098, 33.8817**, and if you desaturate by 10%, it is **38.8009, 39.2918, 43.9683**.

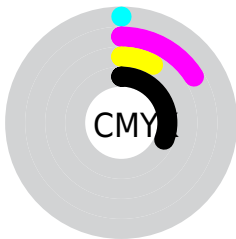
Distribution



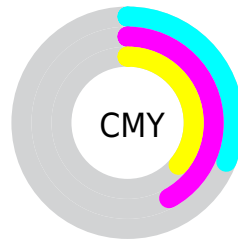
- Red (69%)
- Green (58%)
- Blue (64%)



- Red (69%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (31%)





- Cyan (31%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0160, 33.0186, 38.7101 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 35.0160, 33.0186, 38.7101 by changing the saturation by 10% instead.


 35.0160, 33.0186,
38.7101

 35.0160, 33.0186,
38.7101


316.1457,
315.7335, 356.0455

 23.8418, 22.1407,
26.2282


 66.8444, 64.4046,
74.4107

 15.3404, 13.9603,
16.7671


 88.2293, 85.6814,
98.4665

 9.1465, 8.0931,
9.9084


113.7485,
111.1934, 127.2172

 4.8947, 4.1546,
5.2335

143.7673,
141.3248, 161.0816

 2.2198, 1.7604,
2.3238

178.6510,
176.4602, 200.4780

 0.7531, 0.4623,
0.7445

218.7651,

 0.0000, 0.0000,

216.9838, 245.8252

0.0000

264.4749,
263.2801, 297.5415

■ 35.0160, 33.0186,
38.7101

■ 35.0160, 33.0186,
38.7101

■ 31.7075, 27.6098,
33.8817

■ 38.8009, 39.2918,
43.9683

■ 28.8526, 23.0227,
29.4688

■ 43.0782, 46.4608,
49.6657

■ 26.4307, 19.2176,
25.4593

■ 47.8665, 54.5608,
55.8141

■ 24.4186, 16.1499,
21.8396

■ 53.1827, 63.6238,
62.4243

■ 22.7905, 13.7702,
18.5950

■ 59.0428, 73.6804,
69.5063

■ 21.5179, 12.0233,
15.7096

■ 65.4622, 84.7597,
77.0702

■ 20.5675, 10.8448,
13.1660

■ 67.0661, 86.1108,
83.3291

■ 19.8969, 10.1522,
10.9430

■ 68.2884, 86.5997,
89.7654

■ 19.6657, 9.9346,
10.1115

■ 69.5733, 87.1137,
96.5317

Harmonies

Analogous

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



34.0157, 33.0186, 43.8066



35.0160, 33.0186, 38.7101



35.0168, 33.0186, 33.3348

Triad

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



35.0160, 33.0186, 38.7101



30.4556, 33.0186, 26.8265



28.8882, 33.0186, 43.8001

Complementary

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



35.0160, 33.0186, 38.7101



34.2610, 39.9561, 40.0909

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.



28.0101, 33.0186, 38.7020



35.0160, 33.0186, 38.7101



28.8901, 33.0186, 29.0967

Square

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



35.0160, 33.0186, 38.7101



32.3321, 33.0186, 26.8282



28.0108, 33.0186, 33.3274



30.4530, 33.0186, 46.9393

Rectangle

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



35.0160, 33.0186, 38.7101



34.4480, 33.0186, 30.3227



28.0108, 33.0186, 33.3274



28.5058, 33.0186, 42.2373

Sweetspot

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



35.0169, 33.0201, 38.7108



70.9730, 72.2651, 80.5597



33.3280, 31.9975, 45.4943



15.2719, 15.4791, 17.3106



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.0169, 33.0201, 38.7108



61.3573, 56.3530, 67.1213



33.8409, 32.5496, 32.5179



8.6676, 8.5738, 9.7481



14.4585, 7.3010, 7.5745



0.4844, 0.2415, 0.3934

Inverse Universe

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



35.0169, 33.0201, 38.7108



61.3573, 56.3530, 67.1213



35.5756, 40.4819, 47.0135



8.6676, 8.5738, 9.7481



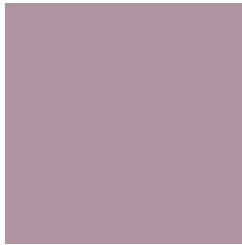
14.4585, 7.3010, 7.5745



0.4844, 0.2415, 0.3934

Previews

White Background



This preview shows how the XYZ color 35.0160, 33.0186, 38.7101 looks on a white background.

Color Contrast Check

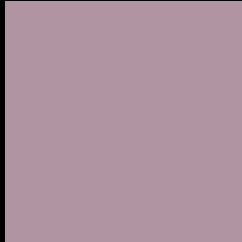
Large Text (above 18pt) WCAG AA × Fail

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 35.0160, 33.0186, 38.7101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

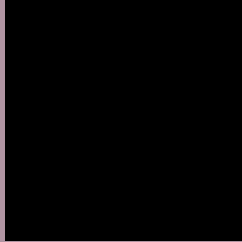
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0160, 33.0186, 38.7101

Background



This preview shows how black text looks on a background with the XYZ color 35.0160, 33.0186, 38.7101.



This preview shows how white text looks on a background with the XYZ color 35.0160, 33.0186,

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

35.0160, 33.0186, 38.7101

Protanopia

32.1218, 33.1644, 40.7848

Deuteranopia

33.6481, 33.0313, 38.3204



Tritanopia

34.8396, 32.9480, 37.7811

Trichromacy



Original Color

35.0160, 33.0186, 38.7101

Protanomaly

33.1240, 32.9596, 40.2133

Deuteranomaly

34.1340, 33.0438, 38.2973

Tritanomaly

34.9274, 32.9831, 38.2437

Monochromacy



Original Color

35.0160, 33.0186, 38.7101

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3307, 33.6137, 37.5323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0160, 33.0186, 38.7101 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(176, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 148, 162)  
}
```

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(176, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 148, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.0160, 33.0186, 38.7101 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(176, 148, 162) }
```


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

```
.border{ border-color:rgb(176, 148, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 148, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 148, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 148, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 148,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0160, 33.0186, 38.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 148, 162) }
```

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

```
.background{ background-color: rgb(176,  
148, 162) }
```

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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