

Converting Colors

XYZ(35.7445, 34.1001, 39.0062)

Have a look what the booklet for
XYZ(35.7445, 34.1001, 39.0062)
contains.

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Color

**XYZ(35.7197, 34.0890,
38.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	B197A2
RGB	177, 151, 162
RGB Percent	69%, 59%, 64%
CMY	0.3059, 0.4078, 0.3647
CMYK	0.00, 0.15, 0.08, 0.31
HSL	335°, 14%, 64%
HSV	335°, 15%, 69%
XYZ	35.7197, 34.0890, 38.8796
YIQ	160.0280, 11.9650, 8.9330

Conversions

Conversions Part 2

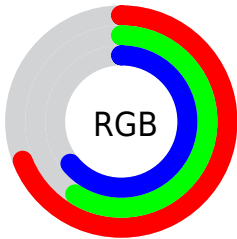
Format	Color
RYB	177, 151, 162
Decimal	11638690
CIELab	65.03, 11.54, -2.18
CIElCh	65, 11.745, 349.317
Yxy	34.0890, 0.3286, 0.3136
Android (android.graphics.Color)	4289828770 (0xFFB197A2)
YUV	160.0280, 0.9722, 14.8844
Hunter-Lab	58.3858, 7.0290, 1.3883

Details

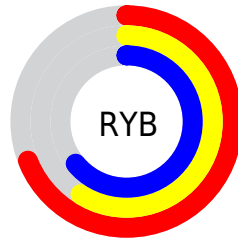
The XYZ color **35.7197, 34.0890, 38.8796** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3690, 40.7777, 42.0852**, and the grayscale version is **33.4191, 35.1595, 38.2887**.

A 20% lighter version of the original color is **67.9600, 65.9960, 74.8023**, and **15.6838, 14.5252, 16.7289** is the 20% darker color. If you saturate the color by 10%, you get **32.2111, 28.4658, 33.4116**, and if you desaturate by 10%, it is **39.7317, 40.6001, 44.8800**.

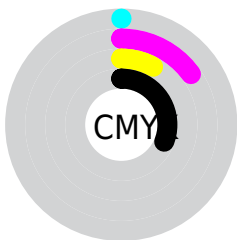
Distribution



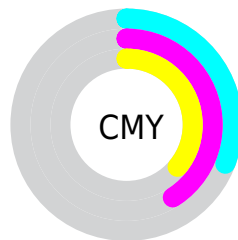
- Red (69%)
- Green (59%)
- Blue (64%)



- Red (69%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7197, 34.0890, 38.8796 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 35.7197, 34.0890, 38.8796 by changing the saturation by 10% instead.

 35.7197, 34.0890,
38.8796


 35.7197, 34.0890,
38.8796

319.1864,
320.5287, 356.7890

 24.3869, 22.9620,
26.3590


 67.9259, 66.0720,
74.6727

 15.7472, 14.5654,
16.8642


 89.5300, 87.6969,
98.7822

 9.4351, 8.5150,
9.9768


115.2886,
113.5897, 127.5917

 5.0854, 4.4262,
5.2782

145.5671,
144.1351, 161.5199

 2.3328, 1.9147,
2.3498

180.7307,
179.7172, 200.9851

 0.8113, 0.5572,
0.7589

221.1449,

 0.0000, 0.0000,

220.7206, 246.4060

0.0000

267.1750,
267.5297, 298.2011

■ 35.7197, 34.0890,
38.8796

■ 35.7197, 34.0890,
38.8796

■ 32.2111, 28.4658,
33.4116

■ 39.7317, 40.6001,
44.8800

■ 29.1822, 23.6872,
28.4583

■ 44.2636, 48.0308,
51.4255

■ 26.6117, 19.7132,
24.0041

■ 49.3349, 56.4169,
58.5309

■ 24.4757, 16.4986,
20.0318

■ 54.9631, 65.7909,
66.2099

■ 22.7476, 13.9938,
16.5227

■ 61.1648, 76.1837,
74.4756

■ 21.3980, 12.1432,
13.4571

■ 67.2486, 86.2100,
83.1048

■ 20.3933, 10.8828,
10.8130

■ 68.6700, 86.7785,
90.5900

■ 19.6928, 10.1350,
8.5655

■ 70.1759, 87.3809,
98.5202

■ 19.3973, 9.8535,
7.5132

■ 71.7678, 88.0177,
106.9029

Harmonies

Analogous

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



34.9429, 34.0890, 43.5597



35.7197, 34.0890, 38.8796



35.5840, 34.0890, 34.1060

Triad

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



35.7197, 34.0890, 38.8796



31.3314, 34.0890, 28.9657



30.3163, 34.0890, 44.6777

Complementary

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



35.7197, 34.0890, 38.8796



35.3690, 40.7777, 42.0852

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.



29.4129, 34.0890, 40.3004



35.7197, 34.0890, 38.8796



29.9847, 34.0890, 31.3434

Square

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



35.7197, 34.0890, 38.8796



33.0103, 34.0890, 28.6576



29.2937, 34.0890, 35.4087



31.7984, 34.0890, 47.0964

Rectangle

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



35.7197, 34.0890, 38.8796



34.9956, 34.0890, 31.4964



29.2937, 34.0890, 35.4087



29.9371, 34.0890, 43.3696

Sweetspot

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



35.7207, 34.0905, 38.8803



71.6323, 73.4878, 81.0747



34.6738, 33.3874, 46.2124



15.4009, 15.7253, 17.3897



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.



35.7207, 34.0905, 38.8803



61.5965, 57.2280, 65.9785



35.0663, 34.2783, 34.0482



8.6405, 8.5629, 9.6055



14.0829, 7.1507, 5.5965



0.4725, 0.2368, 0.3310

Inverse Universe

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



35.7207, 34.0905, 38.8803



61.5965, 57.2280, 65.9785



36.0814, 40.5184, 47.5147



8.6405, 8.5629, 9.6055



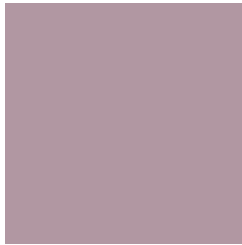
14.0829, 7.1507, 5.5965



0.4725, 0.2368, 0.3310

Previews

White Background



This preview shows how the XYZ color 35.7197, 34.0890, 38.8796 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 35.7197, 34.0890, 38.8796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

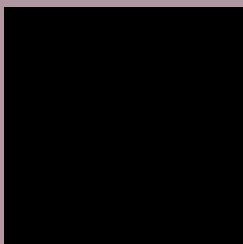
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7197, 34.0890, 38.8796

Background



This preview shows how black text looks on a background with the XYZ color 35.7197, 34.0890, 38.8796.



This preview shows how white text looks on a background with the XYZ color 35.7197, 34.0890,

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

35.7197, 34.0890, 38.8796

Protanopia

33.2380, 34.2380, 40.9332

Deuteranopia

34.9261, 34.1618, 38.9355



Tritanopia

35.8089, 34.1247, 39.3497

Trichromacy



Original Color

35.7197, 34.0890, 38.8796

Protanomaly

34.2388, 34.2663, 40.4068

Deuteranomaly

35.2054, 34.0638, 38.9019

Tritanomaly

35.8089, 34.1247, 39.3497

Monochromacy



Original Color

35.7197, 34.0890, 38.8796

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2159, 34.7941, 38.6308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7197, 34.0890, 38.8796 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(177, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 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(177, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.7197, 34.0890, 38.8796 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(177, 151, 162) }
```


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

```
.border{ border-color:rgb(177, 151, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(177, 151,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7197, 34.0890, 38.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 162) }
```

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

```
.background{ background-color: rgb(177,  
151, 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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