

Converting Colors

XYZ(35.9045, 38.3508, 35.2568)

Have a look what the booklet for
XYZ(35.9045, 38.3508, 35.2568)
contains.

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Color

**XYZ(35.8484, 38.3394,
35.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A798
RGB	169, 167, 152
RGB Percent	66%, 65%, 60%
CMY	0.3373, 0.3451, 0.4039
CMYK	0.00, 0.01, 0.10, 0.34
HSL	53°, 9%, 63%
HSV	53°, 10%, 66%
XYZ	35.8484, 38.3394, 35.2166
YIQ	165.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

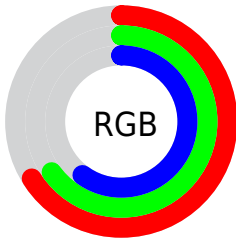
Format	Color
RYB	154, 169, 152
Decimal	11118488
CIELab	68.27, -1.98, 8.01
CIELCh	68, 8.248, 103.875
Yxy	38.3394, 0.3277, 0.3504
Android (android.graphics.Color)	4289308568 (0xFFA9A798)
YUV	165.8880, -6.8468, 2.7292
Hunter-Lab	61.9188, -5.0139, 9.6217

Details

The XYZ color **35.8484, 38.3394, 35.2166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6660, 32.6507, 42.1698**, and the grayscale version is **36.2222, 38.1086, 41.5003**.

A 20% lighter version of the original color is **68.0023, 72.5461, 68.8112**, and **15.8158, 16.9830, 14.7564** is the 20% darker color. If you saturate the color by 10%, you get **34.2012, 37.1043, 28.3183**, and if you desaturate by 10%, it is **37.7005, 39.6679, 43.1572**.

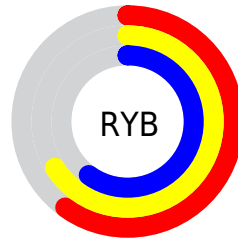
Distribution



Red (66%)

Green (65%)

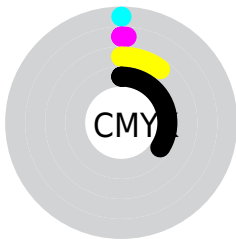
Blue (60%)



Red (60%)

Yellow (66%)

Blue (60%)

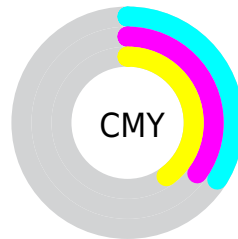


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8484, 38.3394, 35.2166 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 35.8484, 38.3394, 35.2166 by changing the saturation by 10% instead.

■ 35.8484, 38.3394,
35.2166

■ 35.8484, 38.3394,
35.2166

319.7403,
339.0737, 340.4566

■ 24.4867, 26.2462,
23.5449

■ 68.1234, 72.6281,
68.9766

■ 15.8217, 17.0079,
14.7873

■ 89.7674, 95.5923,
91.9019

■ 9.4881, 10.2401,
8.5253

115.5696,
122.9490, 119.4155

■ 5.1206, 5.5585,
4.3403

145.8953,
155.0826, 151.9359

■ 2.3537, 2.5785,
1.8138

181.1099,
192.3775, 189.8817

■ 0.8219, 0.9159,
0.4371

221.5786,

■ 0.0000, 0.0000,

235.2180, 233.6714

0.0000

267.6670,
283.9886, 283.7235

■ 35.8484, 38.3394,
35.2166

■ 35.8484, 38.3394,
35.2166

■ 34.2012, 37.1043,
28.3183

■ 37.7005, 39.6679,
43.1572

■ 32.7475, 35.9543,
22.4162

■ 39.7623, 41.0880,
52.1789

■ 31.4795, 34.8873,
17.4642

■ 42.0422, 42.6043,
62.3212

■ 30.3874, 33.8996,
13.4118

■ 44.5472, 44.2198,
73.6213

■ 29.4608, 32.9868,
10.2036

■ 47.2840, 45.9371,
86.1142

■ 28.6880, 32.1443,
7.7785

■ 50.2592, 47.7588,
99.8339

■ 28.0557, 31.3667,
6.0665

■ 50.9160, 48.6623,
101.3169

■ 27.5484, 30.6477,
4.9858

■ 51.3223, 49.4749,
101.4524

■ 27.1334, 29.9772,
4.3561

■ 51.7343, 50.2989,
101.5897

Harmonies

Analogous

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



37.1342, 38.3394, 35.2811



35.8484, 38.3394, 35.2166



34.7469, 38.3394, 36.8272

Triad

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



35.8484, 38.3394, 35.2166



34.6802, 38.3394, 46.8689



38.8776, 38.3394, 43.7509

Complementary

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



35.8484, 38.3394, 35.2166



31.6660, 32.6507, 42.1698

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.



38.1882, 38.3394, 47.0824



35.8484, 38.3394, 35.2166



35.7554, 38.3394, 48.9539

Square

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



35.8484, 38.3394, 35.2166



34.0833, 38.3394, 43.4733



37.0390, 38.3394, 49.0343



38.9039, 38.3394, 40.0633

Rectangle

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



35.8484, 38.3394, 35.2166



34.2568, 38.3394, 38.6922



37.0390, 38.3394, 49.0343



38.7150, 38.3394, 44.9544

Sweetspot

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



35.8494, 38.3411, 35.2174



66.4869, 70.3133, 72.8329



33.4459, 33.2340, 35.3410



14.4334, 15.2840, 15.6252



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.8494, 38.3411, 35.2174



63.5370, 68.1750, 60.2530



34.9125, 38.4054, 35.2792



8.0705, 8.6211, 8.0280



20.2476, 22.3924, 3.2550



0.5131, 0.5857, 0.0860

Inverse Universe

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



31.6660, 32.6507, 42.1698



54.5709, 55.9794, 75.1540



32.5367, 32.6144, 42.1169



7.2002, 7.4373, 9.4744



5.5437, 2.5475, 28.1750



0.1559, 0.1040, 0.6925

Previews

White Background



This preview shows how the XYZ color 35.8484, 38.3394, 35.2166 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 35.8484, 38.3394, 35.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

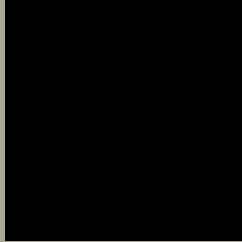
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

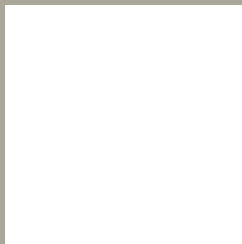
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8484, 38.3394, 35.2166

Background



This preview shows how black text looks on a background with the XYZ color 35.8484, 38.3394, 35.2166.



This preview shows how white text looks on a background with the XYZ color 35.8484, 38.3394,

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

35.8484, 38.3394, 35.2166

Protanopia

36.4557, 38.3910, 34.7669

Deuteranopia

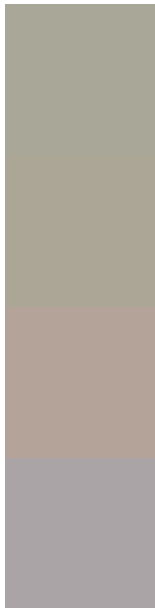
38.9882, 38.3544, 35.4852



Tritanopia

37.9469, 38.0996, 46.4282

Trichromacy



Original Color

35.8484, 38.3394, 35.2166

Protanomaly

36.2354, 38.2775, 34.7566

Deuteranomaly

37.6694, 38.1976, 35.5245

Tritanomaly

37.0451, 37.9989, 41.9412

Monochromacy



Original Color

35.8484, 38.3394, 35.2166

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0056, 38.0611, 39.1670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8484, 38.3394, 35.2166 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(169, 167, 152)` looks like.

```
.text, #text, p{  
    color:rgb(169, 167, 152)  
}
```

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(169, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 167, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.8484, 38.3394, 35.2166 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(169, 167, 152) }
```


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

```
.border{ border-color:rgb(169, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(169, 167,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8484, 38.3394, 35.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 167, 152) }
```

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

```
.background{ background-color: rgb(169,  
167, 152) }
```

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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