

Converting Colors

XYZ(35.5733, 38.6362, 35.2887)

Have a look what the booklet for
XYZ(35.5733, 38.6362, 35.2887)
contains.

XYZ(35.5813, 38.7499, 35.3099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.5813, 38.7499,
35.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A998
RGB	166, 169, 152
RGB Percent	65%, 66%, 60%
CMY	0.3490, 0.3372, 0.4039
CMYK	0.02, 0.00, 0.10, 0.34
HSL	71°, 9%, 63%
HSV	71°, 10%, 66%
XYZ	35.5813, 38.7499, 35.3099
YIQ	166.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

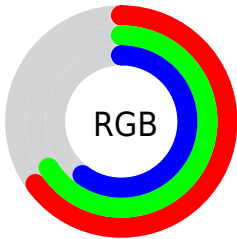
Format	Color
RYB	152, 169, 155
Decimal	10922392
CIELab	68.57, -4.17, 8.40
CIELCh	69, 9.380, 116.389
Yxy	38.7499, 0.3245, 0.3534
Android (android.graphics.Color)	4289112472 (0xFFA6A998)
YUV	166.1650, -6.9833, -0.1447
Hunter-Lab	62.2494, -6.9072, 9.9434

Details

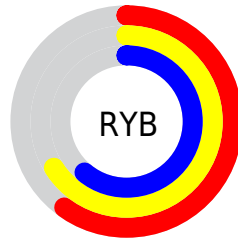
The XYZ color **35.5813, 38.7499, 35.3099** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9088, 32.2907, 42.0891**, and the grayscale version is **36.3576, 38.2511, 41.6554**.

A 20% lighter version of the original color is **67.6150, 73.1397, 68.9462**, and **15.6497, 17.2396, 14.8147** is the 20% darker color. If you saturate the color by 10%, you get **33.6764, 37.9177, 28.5028**, and if you desaturate by 10%, it is **37.7002, 39.6719, 43.1582**.

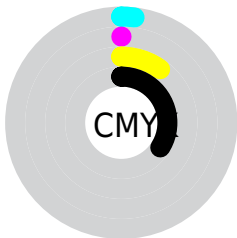
Distribution



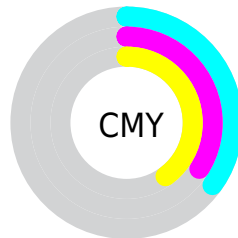
- Red (65%)
- Green (66%)
- Blue (60%)



- Red (60%)
- Yellow (66%)
- Blue (61%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5813, 38.7499, 35.3099 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 35.5813, 38.7499, 35.3099 by changing the saturation by 10% instead.

■ 35.5813, 38.7499,
35.3099

■ 35.5813, 38.7499,
35.3099

318.5900,
340.8260, 340.8798

■ 24.2796, 26.5652,
23.6162

■ 67.7134, 73.2561,
69.1226

■ 15.6670, 17.2470,
14.8396

■ 89.2746, 96.3464,
92.0787

■ 9.3782, 10.4107,
8.5615

114.9863,
123.8407, 119.6260

■ 5.0477, 5.6721,
4.3634

145.2138,
156.1234, 152.1831

■ 2.3104, 2.6468,
1.8268

180.3226,
193.5789, 190.1685

■ 0.8000, 0.9502,
0.4455

220.6780,

■ 0.0000, 0.0000,

236.5915, 234.0007

0.0000

266.6454,
285.5458, 284.0983

■ 35.5813, 38.7499,
35.3099

■ 35.5813, 38.7499,
35.3099

■ 33.6764, 37.9177,
28.5028

■ 37.7002, 39.6719,
43.1582

■ 31.9738, 37.1669,
22.6908

■ 40.0377, 40.6817,
52.0863

■ 30.4657, 36.4955,
17.8278

■ 42.6024, 41.7841,
62.1340

■ 29.1423, 35.8996,
13.8632

■ 45.4014, 42.9820,
73.3382

■ 27.9930, 35.3751,
10.7417

■ 48.4415, 44.2780,
85.7342

■ 27.0061, 34.9171,
8.4021

■ 51.7293, 45.6748,
99.3558

■ 26.1682, 34.5203,
6.7745

■ 52.7076, 46.1496,
100.7375

■ 25.4637, 34.1784,
5.7771

■ 53.4451, 46.5298,
100.7720

■ 24.8611, 33.8793,
5.2290

■ 54.1980, 46.9179,
100.8073

Harmonies

Analogous

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



37.0100, 38.7499, 34.5759



35.5813, 38.7499, 35.3099



34.5131, 38.7499, 37.8431

Triad

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



35.5813, 38.7499, 35.3099



35.2790, 38.7499, 49.3434



39.7418, 38.7499, 42.7071

Complementary

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



35.5813, 38.7499, 35.3099



31.9088, 32.2907, 42.0891

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.



39.2496, 38.7499, 46.8621



35.5813, 38.7499, 35.3099



36.6518, 38.7499, 50.8518

Square

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



35.5813, 38.7499, 35.3099



34.3419, 38.7499, 45.9157



38.1088, 38.7499, 49.9150



39.4368, 38.7499, 38.6754

Rectangle

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



35.5813, 38.7499, 35.3099



34.1357, 38.7499, 40.3046



38.1088, 38.7499, 49.9150



39.6637, 38.7499, 44.1375

Sweetspot

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



35.5824, 38.7516, 35.3107



66.3394, 70.5363, 72.8837



33.7246, 34.0904, 34.5089



14.3930, 15.3451, 15.6392



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.



35.5824, 38.7516, 35.3107



62.9557, 69.0636, 60.4552



33.8919, 37.8801, 35.2316



8.0149, 8.7058, 8.0472



18.5682, 25.2695, 3.8989



0.4848, 0.6318, 0.0964

Inverse Universe

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



31.9088, 32.2907, 42.0891



55.0842, 55.2191, 74.9802



33.5635, 33.1437, 42.1666



7.2508, 7.3619, 9.4572



5.7666, 2.3562, 28.1264



0.1750, 0.0752, 0.6859

Previews

White Background



This preview shows how the XYZ color 35.5813, 38.7499, 35.3099 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 35.5813, 38.7499, 35.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

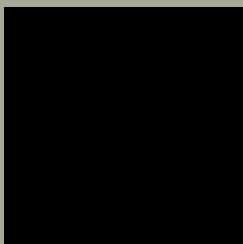
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

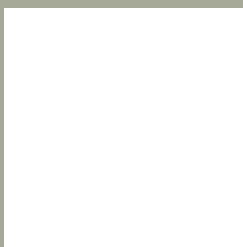
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5813, 38.7499, 35.3099

Background



This preview shows how black text looks on a background with the XYZ color 35.5813, 38.7499, 35.3099.



This preview shows how white text looks on a background with the XYZ color 35.5813, 38.7499,

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

35.5813, 38.7499, 35.3099

Protanopia

36.8602, 38.8705, 34.8382

Deuteranopia

39.3166, 38.5142, 35.9336



Tritanopia

38.0686, 38.6707, 47.5772

Trichromacy



Original Color

35.5813, 38.7499, 35.3099

Protanomaly

36.3831, 38.8976, 34.8685

Deuteranomaly

37.8476, 38.5541, 35.5839

Tritanomaly

37.1598, 38.5720, 43.0227

Monochromacy



Original Color

35.5813, 38.7499, 35.3099

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9776, 38.3176, 39.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5813, 38.7499, 35.3099 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(166, 169, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 169, 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(166, 169, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 169, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.5813, 38.7499, 35.3099 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(166, 169, 152) }
```


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

```
.border{ border-color:rgb(166, 169, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 169, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 169, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 169, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 169,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5813, 38.7499, 35.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 169, 152) }
```

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

```
.background{ background-color: rgb(166,  
169, 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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