

Converting Colors

XYZ(35.0282, 37.9720, 43.2283)

Have a look what the booklet for
XYZ(35.0282, 37.9720, 43.2283)
contains.

XYZ(35.0687, 38.0379, 43.0299)	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(35.0687, 38.0379,
43.0299)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA8A9
RGB	157, 168, 169
RGB Percent	62%, 66%, 66%
CMY	0.3843, 0.3412, 0.3372
CMYK	0.07, 0.01, 0.00, 0.34
HSL	185°, 7%, 64%
HSV	185°, 7%, 66%
XYZ	35.0687, 38.0379, 43.0299
YIQ	164.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

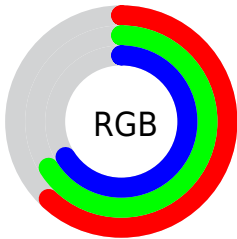
Format	Color
RYB	157, 163, 169
Decimal	10332329
CIELab	68.05, -3.66, -1.86
CIELCh	68, 4.106, 206.898
Yxy	38.0379, 0.3020, 0.3275
Android (android.graphics.Color)	4288522409 (0xFF9DA8A9)
YUV	164.8250, 2.0583, -6.8625
Hunter-Lab	61.6749, -6.4349, 1.8064

Details

The XYZ color **35.0687, 38.0379, 43.0299** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6751, 35.3229, 36.8894**, and the grayscale version is **35.6740, 37.5318, 40.8722**.

A 20% lighter version of the original color is **66.9936, 72.1542, 80.9172**, and **15.4001, 16.8393, 19.2683** is the 20% darker color. If you saturate the color by 10%, you get **31.7392, 35.9395, 42.8009**, and if you desaturate by 10%, it is **38.8593, 40.3802, 43.2828**.

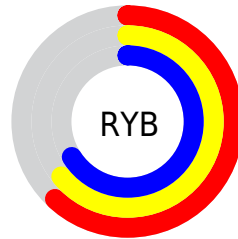
Distribution



Red (62%)

Green (66%)

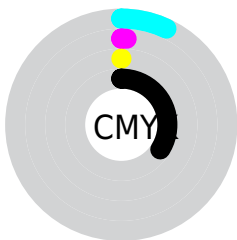
Blue (66%)



Red (62%)

Yellow (64%)

Blue (66%)

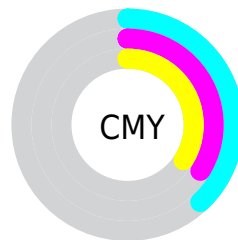


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0687, 38.0379, 43.0299 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 35.0687, 38.0379, 43.0299 by changing the saturation by 10% instead.

■ 35.0687, 38.0379,
43.0299

■ 35.0687, 38.0379,
43.0299

316.3742,
337.7825, 374.6595

■ 23.8826, 26.0121,
29.5770

■ 66.9255, 72.1662,
81.0428

■ 15.3708, 16.8327,
19.2684

■ 88.3269, 95.0375,
106.4399

■ 9.1680, 10.1153,
11.6856

113.8640,
122.2928, 136.6555

■ 4.9089, 5.4755,
6.4101

143.9024,
154.3165, 172.1081

■ 2.2281, 2.5288,
3.0232

178.8072,
191.4929, 213.2163

■ 0.7575, 0.8910,
1.1065

218.9438,

■ 0.0000, 0.0000,

234.2064, 260.3985

0.0000

264.6777,
282.8415, 314.0735

■ 35.0687, 38.0379,
43.0299

■ 35.0687, 38.0379,
43.0299

■ 31.7392, 35.9395,
42.8009

■ 38.8593, 40.3802,
43.2828

■ 28.8489, 34.0707,
42.5926

■ 43.1253, 42.9708,
43.5580

■ 26.3790, 32.4227,
42.4046

■ 47.8844, 45.8197,
43.8571

■ 24.3080, 30.9845,
42.2362

■ 53.1524, 48.9351,
44.1807

■ 22.6127, 29.7441,
42.0861

■ 58.9444, 52.3249,
44.5298

■ 21.2673, 28.6881,
41.9532

■ 64.0120, 55.3455,
44.8457

■ 20.2427, 27.8016,
41.8361

■ 64.2898, 55.9011,
44.9383

■ 19.5051, 27.0671,
41.7332

■ 64.5705, 56.4625,
45.0319

■ 19.0041, 26.4587,
41.6422

■ 64.8540, 57.0295,
45.1264

Harmonies

Analogous

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



34.9403, 38.0379, 41.2266



35.0687, 38.0379, 43.0299



35.4867, 38.0379, 44.4363

Triad

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



35.0687, 38.0379, 43.0299



37.1934, 38.0379, 43.3693



36.2205, 38.0379, 38.0001

Complementary

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



35.0687, 38.0379, 43.0299



34.6751, 35.3229, 36.8894

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.



36.8294, 38.0379, 38.5373



35.0687, 38.0379, 43.0299



37.3952, 38.0379, 41.6076

Square

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



35.0687, 38.0379, 43.0299



36.7128, 38.0379, 44.6363



37.2612, 38.0379, 39.8445



35.6006, 38.0379, 38.3560

Rectangle

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



35.0687, 38.0379, 43.0299



35.8759, 38.0379, 44.9410



37.2612, 38.0379, 39.8445



36.4333, 38.0379, 38.0819

Sweetspot

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



35.0698, 38.0395, 43.0307



66.1395, 70.1937, 77.2879



34.2476, 38.0065, 37.7892



14.4326, 15.3097, 16.8465



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.



35.0698, 38.0395, 43.0307



61.5117, 67.3158, 76.9763



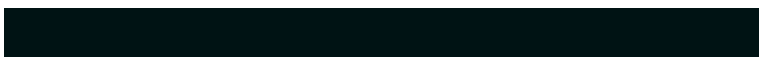
34.0223, 35.9445, 42.6816



7.6934, 8.4238, 9.6388



14.0860, 19.6321, 31.0225



0.3578, 0.5077, 0.7598

Inverse Universe

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



35.4879, 35.3769, 42.0056



62.4673, 61.2572, 74.6275



35.6883, 37.3494, 37.2271



7.8146, 7.6557, 9.3409



16.6105, 8.0529, 23.8244



0.4117, 0.1990, 0.6196

Previews

White Background



This preview shows how the XYZ color 35.0687, 38.0379, 43.0299 looks on a white background.

Color Contrast Check

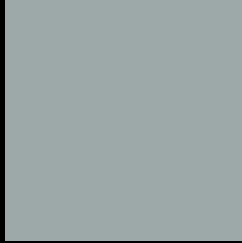
Large Text (above 18pt) WCAG AA × Fail

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 35.0687, 38.0379, 43.0299 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

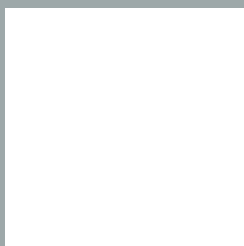
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0687, 38.0379, 43.0299

Background



This preview shows how black text looks on a background with the XYZ color 35.0687, 38.0379, 43.0299.



This preview shows how white text looks on a background with the XYZ color 35.0687, 38.0379,

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

35.0687, 38.0379, 43.0299

Protanopia

36.5786, 38.0251, 41.9709

Deuteranopia

38.5910, 37.9757, 43.3263



Tritanopia

36.1725, 37.9387, 48.5964

Trichromacy



Original Color

35.0687, 38.0379, 43.0299

Protanomaly

36.0139, 37.9921, 42.4809

Deuteranomaly

37.3257, 38.1111, 43.4191

Tritanomaly

35.7557, 38.0411, 46.5324

Monochromacy



Original Color

35.0687, 38.0379, 43.0299

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4194, 37.7070, 41.4878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0687, 38.0379, 43.0299 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(157, 168, 169) looks like.

```
.text, #text, p{  
    color:rgb(157, 168, 169)  
}
```

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(157, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 168, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.0687, 38.0379, 43.0299 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(157, 168, 169) }
```


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

```
.border{ border-color:rgb(157, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(157, 168,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0687, 38.0379, 43.0299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 168, 169) }
```

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

```
.background{ background-color: rgb(157,  
168, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor