

Converting Colors

XYZ(33.9424, 38.4545, 35.9227)

Have a look what the booklet for
XYZ(33.9424, 38.4545, 35.9227)
contains.

XYZ(33.8302, 38.3943, 35.7648)	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(33.8302, 38.3943,
35.7648)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAB99
RGB	155, 171, 153
RGB Percent	61%, 67%, 60%
CMY	0.3922, 0.3294, 0.4000
CMYK	0.09, 0.00, 0.11, 0.33
HSL	113°, 10%, 64%
HSV	113°, 11%, 67%
XYZ	33.8302, 38.3943, 35.7648
YIQ	164.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

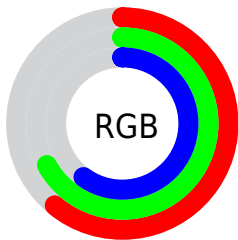
Format	Color
RYB	153, 171, 169
Decimal	10202009
CIELab	68.31, -9.06, 7.37
CIElCh	68, 11.679, 140.887
Yxy	38.3943, 0.3133, 0.3555
Android (android.graphics.Color)	4288392089 (0xFF9BAB99)
YUV	164.1640, -5.5039, -8.0368
Hunter-Lab	61.9631, -10.9793, 9.1523

Details

The XYZ color **33.8302, 38.3943, 35.7648** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1058, 34.1589, 43.2732**, and the grayscale version is **35.3922, 37.2353, 40.5493**.

A 20% lighter version of the original color is **64.7533, 72.4530, 69.6034**, and **14.7040, 17.0960, 15.0952** is the 20% darker color. If you saturate the color by 10%, you get **29.7820, 36.4602, 28.7235**, and if you desaturate by 10%, it is **38.4503, 40.6021, 43.8911**.

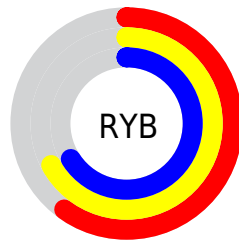
Distribution



Red (61%)

Green (67%)

Blue (60%)



Red (60%)

Yellow (67%)

Blue (66%)

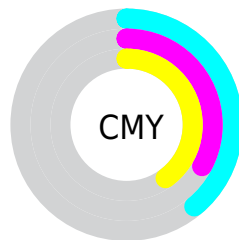


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8302, 38.3943, 35.7648 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 33.8302, 38.3943, 35.7648 by changing the saturation by 10% instead.

■ 33.8302, 38.3943,
35.7648

■ 33.8302, 38.3943,
35.7648

310.9735,
339.3084, 342.9376

■ 22.9255, 26.2889,
23.9643

■ 65.0156, 72.7121,
69.8338

■ 14.6589, 17.0399,
15.0952

■ 86.0269, 95.6932,
92.9395

■ 8.6651, 10.2629,
8.7389

111.1378,
123.0684, 120.6507

■ 4.5787, 5.5736,
4.4768

140.7137,
155.2220, 153.3858

■ 2.0345, 2.5876,
1.8904

175.1198,
192.5384, 191.5636

■ 0.6532, 0.9204,
0.4866

214.7216,

■ 0.0000, 0.0000,

235.4020, 235.6024

0.0000

259.8844,
284.1972, 285.9209

■ 33.8302, 38.3943,
35.7648

■ 33.8302, 38.3943,
35.7648

■ 29.7820, 36.4602,
28.7235

■ 38.4503, 40.6021,
43.8911

■ 26.2803, 34.7843,
22.7189

■ 43.6600, 43.0884,
53.1430

■ 23.3027, 33.3572,
17.7029

■ 49.4804, 45.8643,
63.5620

■ 20.8237, 32.1669,
13.6225

■ 55.9302, 48.9387,
75.1867

■ 18.8158, 31.2006,
10.4197

■ 63.0278, 52.3202,
88.0541

■ 17.2489, 30.4442,
8.0301

■ 70.6930, 55.9780,
101.6866

■ 16.0894, 29.8817,
6.3806

■ 73.8537, 57.6074,
101.8346

■ 15.2984, 29.4952,
5.3848

■ 14.8321, 29.2657,
4.8671

Harmonies

Analogous

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



35.2526, 38.3943, 33.0795



33.8302, 38.3943, 35.7648



33.1277, 38.3943, 40.2291

Triad

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



33.8302, 38.3943, 35.7648



35.9382, 38.3943, 52.5643



39.8795, 38.3943, 38.3143

Complementary

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



33.8302, 38.3943, 35.7648



35.1058, 34.1589, 43.2732

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.



40.0780, 38.3943, 43.4213



33.8302, 38.3943, 35.7648



37.7614, 38.3943, 51.9436

Square

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



33.8302, 38.3943, 35.7648



34.3177, 38.3943, 50.1207



39.2912, 38.3943, 48.4893



38.7576, 38.3943, 34.4638

Rectangle

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



33.8302, 38.3943, 35.7648



33.1454, 38.3943, 43.7370



39.2912, 38.3943, 48.4893



40.0579, 38.3943, 39.9305

Sweetspot

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



33.8313, 38.3959, 35.7656



66.6715, 71.6680, 74.7404



36.7154, 39.2985, 35.7878



14.7177, 15.9105, 16.4024



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.8313, 38.3959, 35.7656



58.5284, 67.7778, 60.4553



34.0374, 38.4345, 38.8376



7.9840, 8.9804, 8.5259



11.2043, 22.0731, 3.6700



0.3373, 0.6273, 0.1033

Inverse Universe

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



35.1058, 34.1589, 43.2732



61.3441, 58.4154, 77.0440



34.8971, 34.1254, 39.9183



8.2482, 8.1022, 10.0819



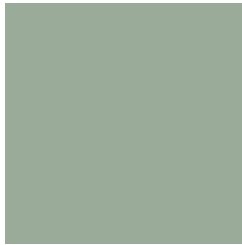
15.3318, 7.2637, 29.6385



0.4509, 0.2146, 0.8256

Previews

White Background



This preview shows how the XYZ color 33.8302, 38.3943, 35.7648 looks on a white background.

Color Contrast Check

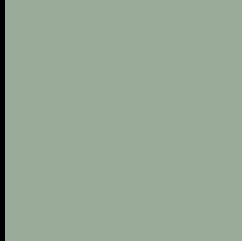
Large Text (above 18pt) WCAG AA × Fail

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 33.8302, 38.3943, 35.7648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

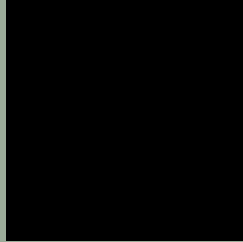
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8302, 38.3943, 35.7648

Background



This preview shows how black text looks on a background with the XYZ color 33.8302, 38.3943, 35.7648.



This preview shows how white text looks on a background with the XYZ color 33.8302, 38.3943,

35.7648.

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

33.8302, 38.3943, 35.7648

Protanopia

36.3748, 38.3587, 34.3410

Deuteranopia

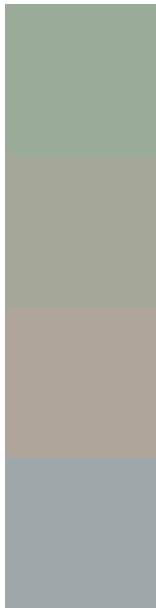
39.1548, 38.4211, 36.3627



Tritanopia

36.3550, 38.3036, 48.6572

Trichromacy



Original Color

33.8302, 38.3943, 35.7648

Protanomaly

35.3144, 38.3466, 34.8185

Deuteranomaly

36.9671, 38.3573, 36.0272

Tritanomaly

35.3589, 38.1766, 43.5354

Monochromacy



Original Color

33.8302, 38.3943, 35.7648

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.8618, 37.7526, 38.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8302, 38.3943, 35.7648 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(155, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(155, 171, 153)  
}
```

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(155, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 33.8302, 38.3943, 35.7648 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(155, 171, 153) }
```


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

```
.border{ border-color:rgb(155, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(155, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8302, 38.3943, 35.7648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 171, 153) }
```

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

```
.background{ background-color: rgb(155,  
171, 153) }
```

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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