

Converting Colors

XYZ(34.1012, 38.3508, 43.3415)

Have a look what the booklet for
XYZ(34.1012, 38.3508, 43.3415)
contains.

XYZ(34.1188, 38.3800, 43.1459)	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(34.1188, 38.3800,
43.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	95ABA9
RGB	149, 171, 169
RGB Percent	58%, 67%, 66%
CMY	0.4157, 0.3294, 0.3373
CMYK	0.13, 0.00, 0.01, 0.33
HSL	175°, 12%, 63%
HSV	175°, 13%, 67%
XYZ	34.1188, 38.3800, 43.1459
YIQ	164.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

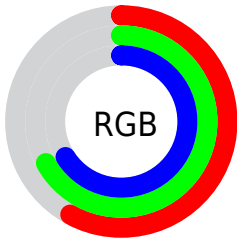
Format	Color
RYB	149, 161, 171
Decimal	9808809
CIELab	68.30, -8.01, -1.56
CIELCh	68, 8.162, 190.991
Yxy	38.3800, 0.2950, 0.3319
Android (android.graphics.Color)	4287998889 (0xFF95ABA9)
YUV	164.1940, 2.3694, -13.3251
Hunter-Lab	61.9516, -10.1094, 2.0739

Details

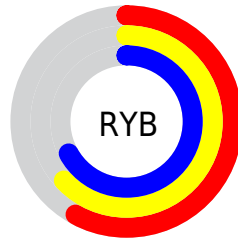
The XYZ color **34.1188, 38.3800, 43.1459** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1294, 32.3883, 33.7855**, and the grayscale version is **35.3732, 37.2154, 40.5275**.

A 20% lighter version of the original color is **65.2795, 72.4710, 81.0687**, and **14.8447, 17.0747, 19.3430** is the 20% darker color. If you saturate the color by 10%, you get **31.0802, 36.8313, 42.2461**, and if you desaturate by 10%, it is **37.6195, 40.1687, 44.0780**.

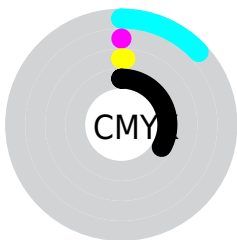
Distribution



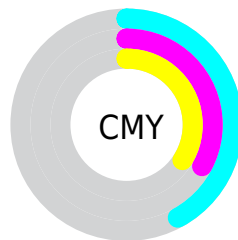
- Red (58%)
- Green (67%)
- Blue (66%)



- Red (58%)
- Yellow (63%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1188, 38.3800, 43.1459 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 34.1188, 38.3800, 43.1459 by changing the saturation by 10% instead.

■ 34.1188, 38.3800,
43.1459

■ 34.1188, 38.3800,
43.1459

312.2381,
339.2473, 375.1503

■ 23.1482, 26.2778,
29.6674

■ 65.4614, 72.6902,
81.2197

■ 14.8243, 17.0315,
19.3363

■ 86.5642, 95.6670,
106.6520

■ 8.7817, 10.2570,
11.7343

111.7750,
123.0373, 136.9061

■ 4.6550, 5.5697,
6.4427

141.4593,
155.1857, 172.4003

■ 2.0790, 2.5852,
3.0430

175.9824,
192.4965, 213.5533

■ 0.6777, 0.9192,
1.1166

215.7096,

■ 0.0000, 0.0000,

235.3541, 260.7836

0.0000

261.0064,
284.1429, 314.5097

■ 34.1188, 38.3800,
43.1459

■ 34.1188, 38.3800,
43.1459

■ 31.0802, 36.8313,
42.2461

■ 37.6195, 40.1687,
44.0780

■ 28.4804, 35.5077,
41.3752

■ 41.5976, 42.2023,
45.0407

■ 26.2992, 34.3996,
40.5328

■ 46.0719, 44.4915,
46.0358

■ 24.5135, 33.4953,
39.7180

■ 51.0591, 47.0449,
47.0640

■ 23.0979, 32.7815,
38.9294

■ 56.5752, 49.8708,
48.1263

■ 22.0240, 32.2437,
38.1657

■ 62.6353, 52.9769,
49.2232

■ 21.2595, 31.8651,
37.4254

■ 64.0313, 53.6784,
50.1111

■ 20.7654, 31.6258,
36.7067

■ 64.1907, 53.7421,
50.9504

■ 20.5169, 31.5086,
36.2042

■ 64.3519, 53.8066,
51.7992

Harmonies

Analogous

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



34.2040, 38.3800, 39.5379



34.1188, 38.3800, 43.1459



34.6549, 38.3800, 46.5792

Triad

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



34.1188, 38.3800, 43.1459



38.1153, 38.3800, 47.3316



37.2856, 38.3800, 35.4804

Complementary

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



34.1188, 38.3800, 43.1459



33.1294, 32.3883, 33.7855

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.



38.3661, 38.3800, 37.3395



34.1188, 38.3800, 43.1459



38.8528, 38.3800, 44.1245

Square

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



34.1188, 38.3800, 43.1459



36.9497, 38.3800, 49.0881



38.9457, 38.3800, 40.4614



36.0124, 38.3800, 35.2524

Rectangle

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



34.1188, 38.3800, 43.1459



35.2999, 38.3800, 48.2533



38.9457, 38.3800, 40.4614



37.6841, 38.3800, 35.9300

Sweetspot

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



34.1199, 38.3816, 43.1468



66.5718, 71.5282, 78.7337



32.7886, 37.8959, 34.0209



14.7378, 15.8959, 17.5302



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.



34.1199, 38.3816, 43.1468



59.7244, 68.0322, 76.8780



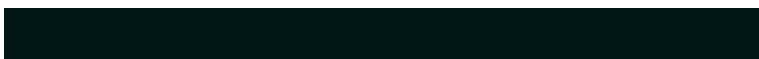
32.7019, 35.2424, 43.6089



8.2044, 9.0593, 10.1015



15.4761, 23.7557, 27.3447



0.4395, 0.6644, 0.8078

Inverse Universe

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



33.1294, 32.3883, 33.7855



57.6544, 55.5056, 57.3129



34.4136, 35.2147, 33.4178



8.0338, 8.0268, 8.4886



12.7379, 6.5577, 0.9991



0.3637, 0.1861, 0.0768

Previews

White Background



This preview shows how the XYZ color 34.1188, 38.3800, 43.1459 looks on a white background.

Color Contrast Check

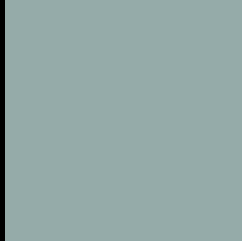
Large Text (above 18pt) WCAG AA × Fail

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 34.1188, 38.3800, 43.1459 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

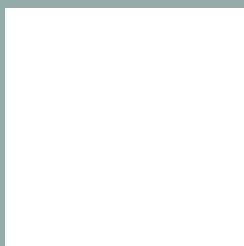
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1188, 38.3800, 43.1459

Background



This preview shows how black text looks on a background with the XYZ color 34.1188, 38.3800, 43.1459.



This preview shows how white text looks on a background with the XYZ color 34.1188, 38.3800,

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

34.1188, 38.3800, 43.1459

Protanopia

36.7003, 38.0985, 41.4958

Deuteranopia

38.9179, 38.1333, 43.8373



Tritanopia

35.3940, 38.3326, 49.7894

Trichromacy



Original Color

34.1188, 38.3800, 43.1459

Protanomaly

35.6941, 38.1088, 42.0337

Deuteranomaly

37.0730, 38.2476, 43.4588

Tritanomaly

34.8882, 38.4078, 47.1696

Monochromacy



Original Color

34.1188, 38.3800, 43.1459

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9997, 37.7615, 41.5204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1188, 38.3800, 43.1459 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(149, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(149, 171, 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(149, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 171, 169) }
```

Border

The CSS property to change the border of an element to XYZ 34.1188, 38.3800, 43.1459 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(149, 171, 169) }
```


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

```
.border{ border-color:rgb(149, 171, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(149, 171,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1188, 38.3800, 43.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 171, 169) }
```

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

```
.background{ background-color: rgb(149,  
171, 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