Converting Colors

XYZ(34.1042, 38.3508, 43.3501)

Have a look what the booklet for XYZ(34.1042, 38.3508, 43.3501) contains.

XYZ(34.1188, 38.3800, 43.1459) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 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

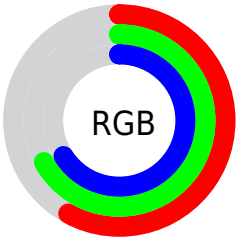
Format	Color
RYB	149, 161, 171
Decimal	9808809
CIELab	68.30, -8.01, -1.56
CIELCh	68, 8.162, 190.991
Yxy	38.3800, 0.2950, 0.3319
Android (android.graphics.Color)	4287998889 (0xFF95ABA9)
YUV	164.1940, 2.3694, -13.3251
Hunter-Lab	61.9516, -10.1094, 2.0739

Details

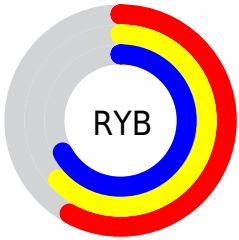
The XYZ color 34.1188, 38.3800, 43.1459 is a light color, and the websafe version is hex 999999. A complement of this color would be 33.1294, 32.3883, 33.7855, and the grayscale version is 35.3732, 37.2154, 40.5275.

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.

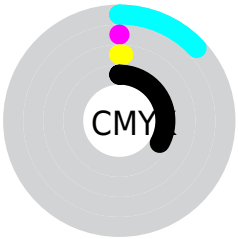
Distribution



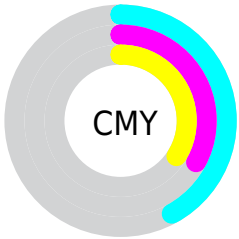
- Red (58%)
- Green (67%)
- Blue (66%)



- 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

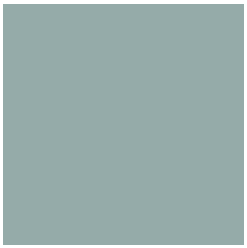
8.0338, 8.0268, 8.4886

12.7379, 6.5577, 0.9991

0.3637, 0.1861, 0.0768

Previews

White Background

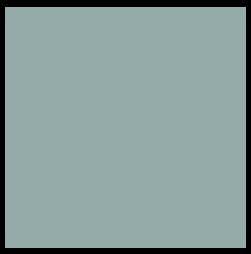


This preview shows how the XYZ color 34.1188, 38.3800, 43.1459 looks on a white background.

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



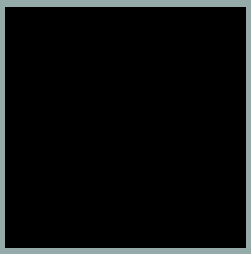
This preview shows how the XYZ color 34.1188, 38.3800, 43.1459 looks on a black background.

Color Contrast Check

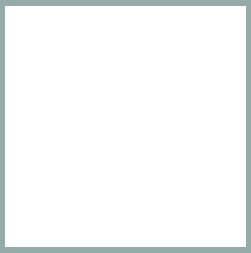
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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,

43.1459.

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.

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