

Converting Colors

XYZ(38.2991, 43.8110, 54.5833)

Have a look what the booklet for
XYZ(38.2991, 43.8110, 54.5833)
contains.

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Color

**XYZ(38.3315, 43.8370,
54.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	94B7BD
RGB	148, 183, 189
RGB Percent	58%, 72%, 74%
CMY	0.4196, 0.2823, 0.2588
CMYK	0.22, 0.03, 0.00, 0.26
HSL	189°, 24%, 66%
HSV	189°, 22%, 74%
XYZ	38.3315, 43.8370, 54.5852
YIQ	173.2190, -22.7860, -5.5540

Conversions

Conversions Part 2

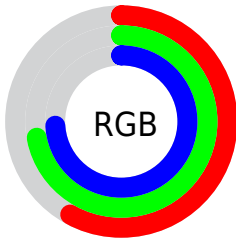
Format	Color
RYB	148, 167, 189
Decimal	9746365
CIELab	72.12, -10.41, -6.95
CIElCh	72, 12.520, 213.715
Yxy	43.8370, 0.2803, 0.3206
Android (android.graphics.Color)	4287936445 (0xFF94B7BD)
YUV	173.2190, 7.7800, -22.1171
Hunter-Lab	66.2095, -12.5254, -2.5339

Details

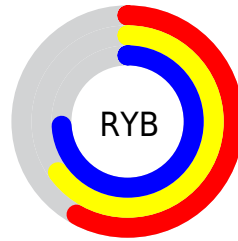
The XYZ color **38.3315, 43.8370, 54.5852** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8875, 36.0681, 32.9827**, and the grayscale version is **39.8031, 41.8759, 45.6029**.

A 20% lighter version of the original color is **71.9765, 81.0221, 98.2315**, and **17.2504, 20.2296, 26.2881** is the 20% darker color. If you saturate the color by 10%, you get **34.6237, 41.0884, 54.2508**, and if you desaturate by 10%, it is **42.6113, 46.8994, 54.9514**.

Distribution



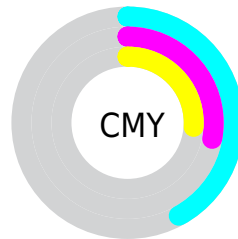
- Red (58%)
- Green (72%)
- Blue (74%)



- Red (58%)
- Yellow (65%)
- Blue (74%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3315, 43.8370, 54.5852 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 38.3315, 43.8370, 54.5852 by changing the saturation by 10% instead.

■ 38.3315, 43.8370,
54.5852

■ 38.3315, 43.8370,
54.5852

330.2962,
362.0427, 421.5752

■ 26.4185, 30.5424,
38.6734

■ 71.9166, 80.9724,
98.3980

■ 17.2713, 20.2506,
26.1998

■ 94.3193, 105.5820,
127.1360

■ 10.5246, 12.5774,
16.7461

120.9494,
134.7320, 160.9865

■ 5.8131, 7.1382,
9.8936

152.1720,
168.8069, 200.3681

■ 2.7713, 3.5487,
5.2238

188.3527,
208.1910, 245.6992

■ 1.0340, 1.4244,
2.3181

229.8567,

■ 0.0000, 0.2346,

253.2688, 297.3983

0.7413

277.0494,
304.4245, 355.8842

■ 0.0000, 0.0000,
0.0000

■ 38.3315, 43.8370,
54.5852

■ 38.3315, 43.8370,
54.5852

■ 34.6237, 41.0884,
54.2508

■ 42.6113, 46.8994,
54.9514

■ 31.4570, 38.6341,
53.9440

■ 47.4844, 50.2832,
55.3477

■ 28.8031, 36.4607,
53.6643

■ 52.9761, 54.0027,
55.7762

■ 26.6300, 34.5514,
53.4104

■ 59.1086, 58.0695,
56.2380

■ 24.9016, 32.8877,
53.1803

■ 65.9032, 62.4946,
56.7340

■ 23.5770, 31.4483,
52.9723

■ 70.9854, 66.0541,
57.1532

■ 22.6071, 30.2078,
52.7840

■ 71.6298, 67.3429,
57.3680

■ 21.9923, 29.2878,
52.6388

■ 72.2859, 68.6550,
57.5867

■ 72.9536, 69.9905,
57.8093

Harmonies

Analogous

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



37.6878, 43.8370, 48.4997



38.3315, 43.8370, 54.5852



39.8676, 43.8370, 59.1124

Triad

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



38.3315, 43.8370, 54.5852



45.4704, 43.8370, 53.1498



41.3994, 43.8370, 36.8972

Complementary

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



38.3315, 43.8370, 54.5852



37.8875, 36.0681, 32.9827

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.



43.5172, 43.8370, 37.9132



38.3315, 43.8370, 54.5852



45.9142, 43.8370, 46.9705

Square

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



38.3315, 43.8370, 54.5852



43.9949, 43.8370, 58.2350



45.1880, 43.8370, 41.4761



39.4203, 43.8370, 38.5728

Rectangle

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



38.3315, 43.8370, 54.5852



41.2163, 43.8370, 60.4476



45.1880, 43.8370, 41.4761



42.1185, 43.8370, 36.9361

Sweetspot

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



38.3328, 43.8388, 54.5862



80.1788, 86.6985, 98.7348



36.1995, 45.0072, 37.1196



17.1309, 18.5667, 21.2234



90.7827, 95.5105, 104.0109



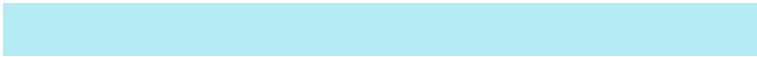
18.6292, 19.5994, 21.3438

Same Dimension

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



38.3328, 43.8388, 54.5862



65.3913, 76.1199, 97.4723



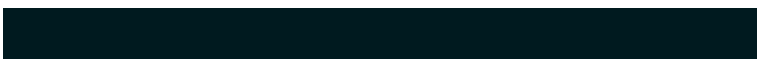
34.5019, 36.1771, 53.3092



9.6864, 10.5652, 12.2010



14.8404, 19.7925, 35.4311



0.6142, 0.8411, 1.3988

Inverse Universe

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



40.1244, 35.4184, 49.5235



69.2075, 58.5126, 86.6150



41.4619, 43.2169, 34.1742



9.8683, 9.6716, 11.6956



18.4915, 9.0278, 23.6796



0.7409, 0.3603, 1.0150

Previews

White Background



This preview shows how the XYZ color 38.3315, 43.8370, 54.5852 looks on a white background.

Color Contrast Check

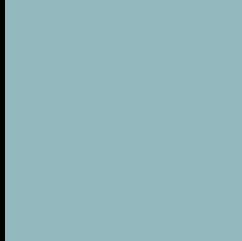
Large Text (above 18pt) WCAG AA × Fail

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 38.3315, 43.8370, 54.5852 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

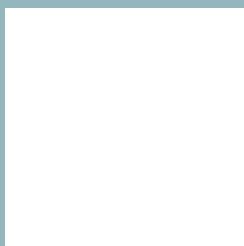
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3315, 43.8370, 54.5852

Background



This preview shows how black text looks on a background with the XYZ color 38.3315, 43.8370, 54.5852.



This preview shows how white text looks on a background with the XYZ color 38.3315, 43.8370,

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

38.3315, 43.8370, 54.5852

Protanopia

42.1132, 43.4677, 51.5179

Deuteranopia

44.4604, 43.4522, 55.3340



Tritanopia

39.0862, 43.8310, 58.6247

Trichromacy



Original Color

38.3315, 43.8370, 54.5852

Protanomaly

40.5092, 43.4930, 52.7143

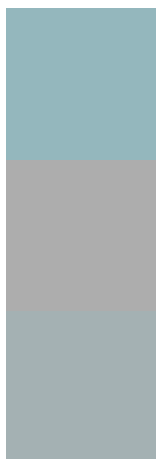
Deuteranomaly

41.8578, 43.2619, 54.8594

Tritanomaly

38.7480, 43.6957, 56.8440

Monochromacy



Original Color

38.3315, 43.8370, 54.5852

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.1687, 42.5915, 48.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3315, 43.8370, 54.5852 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(148, 183, 189) looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 189)  
}
```

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(148, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 189) }
```

Border

The CSS property to change the border of an element to XYZ 38.3315, 43.8370, 54.5852 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(148, 183, 189) }
```


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

```
.border{ border-color:rgb(148, 183, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3315, 43.8370, 54.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 189) }
```

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

```
.background{ background-color: rgb(148,  
183, 189) }
```

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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