

Converting Colors

XYZ(38.3676, 45.2694, 55.5460)

Have a look what the booklet for
XYZ(38.3676, 45.2694, 55.5460)
contains.

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Color

**XYZ(38.4328, 45.4349,
55.4594)**

Conversions

Conversions Part 1

Format	Color
Hex	8EBCBE
RGB	142, 188, 190
RGB Percent	56%, 74%, 75%
CMY	0.4431, 0.2627, 0.2549
CMYK	0.25, 0.01, 0.00, 0.25
HSL	182°, 27%, 65%
HSV	182°, 25%, 75%
XYZ	38.4328, 45.4349, 55.4594
YIQ	174.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

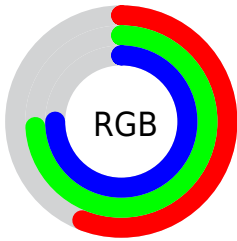
Format	Color
R _Y B	142, 165, 190
Decimal	9354430
CIE Lab	73.18, -14.65, -5.97
CIE LCh	73, 15.819, 202.170
Yxy	45.4349, 0.2758, 0.3261
Android (android.graphics.Color)	4287544510 (0xFF8EBCBE)
YUV	174.4740, 7.6543, -28.4797
Hunter-Lab	67.4054, -16.1835, -1.5985

Details

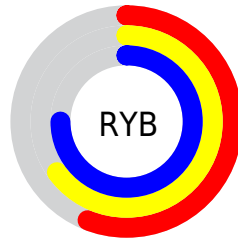
The XYZ color **38.4328, 45.4349, 55.4594** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0915, 32.8469, 30.0300**, and the grayscale version is **40.4491, 42.5557, 46.3431**.

A 20% lighter version of the original color is **72.0112, 83.2255, 99.4575**, and **17.3958, 21.3077, 26.8629** is the 20% darker color. If you saturate the color by 10%, you get **35.2786, 43.5599, 55.2645**, and if you desaturate by 10%, it is **42.1462, 47.6019, 55.6827**.

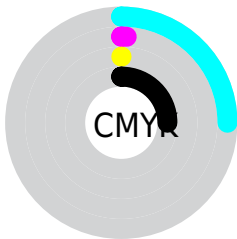
Distribution



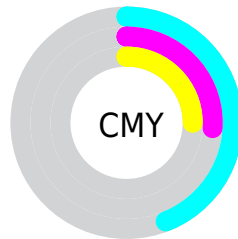
- Red (56%)
- Green (74%)
- Blue (75%)



- Red (56%)
- Yellow (65%)
- Blue (75%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (44%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4328, 45.4349, 55.4594 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 38.4328, 45.4349, 55.4594 by changing the saturation by 10% instead.

■ 38.4328, 45.4349,
55.4594

■ 38.4328, 45.4349,
55.4594

330.7218,
368.5321, 424.9819

■ 26.4975, 31.8001,
39.3686

■ 72.0707, 83.3726,
99.6916

■ 17.3308, 21.2089,
26.7365

■ 94.5039, 108.4444,
128.6701

■ 10.5674, 13.2768,
17.1448

121.1672,
138.0973, 162.7815

■ 5.8419, 7.6194,
10.1747

152.4259,
172.7156, 202.4444

■ 2.7889, 3.8524,
5.4078

188.6454,
212.6839, 248.0774

■ 1.0431, 1.5913,
2.4256

230.1909,

■ 0.0000, 0.3518,

258.3865, 300.0989

0.8003

277.4280,
310.2077, 358.9276

■ 0.0000, 0.0000,
0.0000

■ 38.4328, 45.4349,
55.4594

■ 38.4328, 45.4349,
55.4594

■ 35.2786, 43.5599,
55.2645

■ 42.1462, 47.6019,
55.6827

■ 32.6515, 41.9569,
55.0935

■ 46.4411, 50.0688,
55.9325

■ 30.5222, 40.6118,
54.9461

■ 51.3433, 52.8502,
56.2110

■ 28.8569, 39.5073,
54.8207

■ 56.8759, 55.9580,
56.5193

■ 27.6176, 38.6238,
54.7155

■ 63.0608, 59.4034,
56.8583

■ 26.7603, 37.9386,
54.6284

■ 69.5488, 63.0065,
57.2118

■ 26.2311, 37.4238,
54.5570

■ 69.7238, 63.3565,
57.2701

■ 26.0415, 37.2120,
54.5261

■ 69.8997, 63.7083,
57.3288

■ 70.0766, 64.0621,
57.3877

Harmonies

Analogous

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



38.1150, 45.4349, 47.4196



38.4328, 45.4349, 55.4594



39.9963, 45.4349, 62.5377

Triad

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



38.4328, 45.4349, 55.4594



47.5340, 45.4349, 59.4394



43.9150, 45.4349, 35.8332

Complementary

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



38.4328, 45.4349, 55.4594



36.0915, 32.8469, 30.0300

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.



46.5378, 45.4349, 38.3641



38.4328, 45.4349, 55.4594



48.6847, 45.4349, 51.5805

Square

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



38.4328, 45.4349, 55.4594



45.2278, 45.4349, 65.0016



48.3126, 45.4349, 43.9298



41.2037, 45.4349, 36.6348

Rectangle

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



38.4328, 45.4349, 55.4594



41.5724, 45.4349, 65.4771



48.3126, 45.4349, 43.9298



44.8377, 45.4349, 36.3121

Sweetspot

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



38.4341, 45.4367, 55.4604



81.8148, 89.3917, 101.2214



34.5732, 44.5800, 33.0091



17.7003, 19.4774, 22.2119



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.4341, 45.4367, 55.4604



66.5377, 80.4967, 100.3096



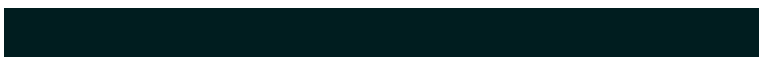
33.7976, 36.1637, 53.9149



9.7736, 10.7396, 12.2300



17.3306, 24.7730, 36.2611



0.6895, 0.9916, 1.4239

Inverse Universe

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



39.9864, 33.9250, 52.0197



69.8216, 56.3282, 92.9888



40.0474, 40.7588, 31.3486



9.9123, 9.6892, 11.9274



19.7485, 9.5305, 30.2987



0.7789, 0.3755, 1.2151

Previews

White Background



This preview shows how the XYZ color 38.4328, 45.4349, 55.4594 looks on a white background.

Color Contrast Check

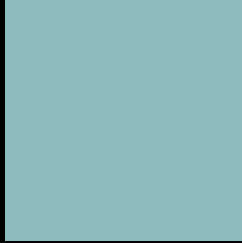
Large Text (above 18pt) WCAG AA × Fail

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 38.4328, 45.4349, 55.4594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

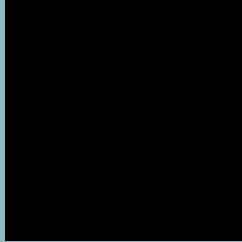
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4328, 45.4349, 55.4594

Background



This preview shows how black text looks on a background with the XYZ color 38.4328, 45.4349, 55.4594.

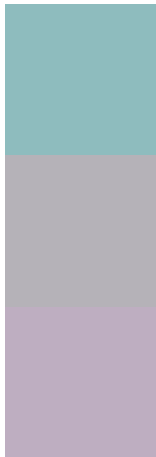


This preview shows how white text looks on a background with the XYZ color 38.4328, 45.4349,

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

38.4328, 45.4349, 55.4594

Protanopia

43.6282, 45.1252, 51.7580

Deuteranopia

45.9969, 45.0695, 56.7271



Tritanopia

39.6031, 45.2641, 61.9079

Trichromacy



Original Color

38.4328, 45.4349, 55.4594

Protanomaly

41.5272, 45.2166, 52.9933

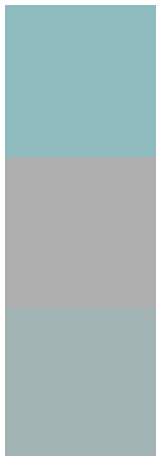
Deuteranomaly

42.8681, 44.9302, 56.2822

Tritanomaly

39.1761, 45.4115, 59.5238

Monochromacy



Original Color

38.4328, 45.4349, 55.4594

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.2586, 43.2169, 49.4526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4328, 45.4349, 55.4594 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(142, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(142, 188, 190)  
}
```

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(142, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 188, 190) }
```

Border

The CSS property to change the border of an element to XYZ 38.4328, 45.4349, 55.4594 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(142, 188, 190) }
```


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

```
.border{ border-color:rgb(142, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(142, 188,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4328, 45.4349, 55.4594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 188, 190) }
```

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

```
.background{ background-color: rgb(142,  
188, 190) }
```

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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