

Converting Colors

XYZ(38.8259, 45.3315, 54.2594)

Have a look what the booklet for
XYZ(38.8259, 45.3315, 54.2594)
contains.

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Color

**XYZ(38.8800, 45.3745,
54.2859)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 93BBBC |
| RGB | 147, 187, 188 |
| RGB Percent | 58%, 73%, 74% |
| CMY | 0.4235, 0.2667, 0.2627 |
| CMYK | 0.22, 0.01, 0.00, 0.26 |
| HSL | 181°, 23%, 66% |
| HSV | 181°, 22%, 74% |
| XYZ | 38.8800, 45.3745, 54.2859 |
| YIQ | 175.1540, -24.1610, -8.1690 |

Conversions

Conversions Part 2

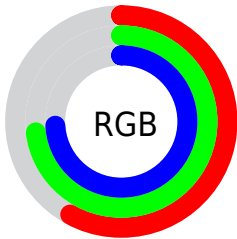
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 147, 167, 188 |
| Decimal | 9681852 |
| CIELab | 73.14, -13.05, -4.90 |
| CIELCh | 73, 13.941, 200.590 |
| Yxy | 45.3745, 0.2806, 0.3275 |
| Android (android.graphics.Color) | 4287871932 (0xFF93BBBC) |
| YUV | 175.1540, 6.3331, -24.6911 |
| Hunter-Lab | 67.3606, -14.8523, -0.6294 |

Details

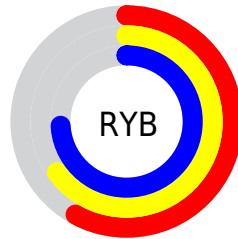
The XYZ color **38.8800, 45.3745, 54.2859** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.5958, 33.9778, 32.2341**, and the grayscale version is **40.8055, 42.9305, 46.7514**.

A 20% lighter version of the original color is **72.7368, 83.1894, 97.8115**, and **17.6176, 21.2324, 26.0914** is the 20% darker color. If you saturate the color by 10%, you get **35.6839, 43.5842, 54.1095**, and if you desaturate by 10%, it is **42.6300, 47.4531, 54.4902**.

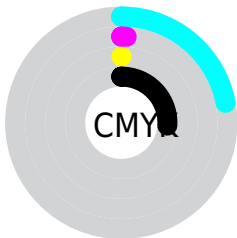
Distribution



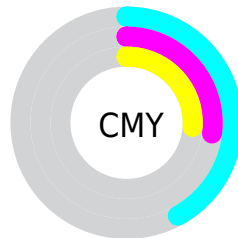
- Red (58%)
- Green (73%)
- Blue (74%)



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



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8800, 45.3745, 54.2859 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 38.8800, 45.3745, 54.2859 by changing the saturation by 10% instead.

■ 38.8800, 45.3745,
54.2859

■ 38.8800, 45.3745,
54.2859

332.5960,
368.2882, 420.4047

■ 26.8467, 31.7525,
38.4355

■ 72.7502, 83.2821,
97.9545

■ 17.5941, 21.1725,
26.0165

■ 95.3178, 108.3365,
126.6099

■ 10.7569, 13.2502,
16.6101

122.1276,
137.9705, 160.3707

■ 5.9697, 7.6010,
9.7979

153.5448,
172.5685, 199.6554

■ 2.8671, 3.8407,
5.1613

189.9349,
212.5148, 244.8826

■ 1.0839, 1.5849,
2.2818

231.6633,

■ 0.0116, 0.3474,

258.1940, 296.4709

0.7210

279.0952,
309.9903, 354.8387

■ 0.0000, 0.0000,
0.0000

■ 38.8800, 45.3745,
54.2859

■ 38.8800, 45.3745,
54.2859

■ 35.6839, 43.5842,
54.1095

■ 42.6300, 47.4531,
54.4902

■ 33.0111, 42.0629,
53.9568

■ 46.9548, 49.8274,
54.7206

■ 30.8338, 40.7976,
53.8273

■ 51.8792, 52.5113,
54.9790

■ 29.1203, 39.7718,
53.7196

■ 57.4253, 55.5160,
55.2667

■ 27.8352, 38.9673,
53.6320

■ 63.6140, 58.8526,
55.5845

■ 26.9380, 38.3632,
53.5627

■ 68.6762, 61.6088,
55.8497

■ 26.3802, 37.9345,
53.5094

■ 68.7753, 61.8070,
55.8828

■ 26.0990, 37.6743,
53.4740

■ 68.8747, 62.0057,
55.9159

■ 68.9743, 62.2051,
55.9491

Harmonies

Analogous

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



38.6595, 45.3745, 47.2394



38.8800, 45.3745, 54.2859



40.2148, 45.3745, 60.5381

Triad

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



38.8800, 45.3745, 54.2859



46.8569, 45.3745, 58.4418



43.8992, 45.3745, 37.2927

Complementary

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



38.8800, 45.3745, 54.2859



36.5958, 33.9778, 32.2341

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.



46.1767, 45.3745, 39.7283



38.8800, 45.3745, 54.2859



47.9263, 45.3745, 51.6360

Square

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



38.8800, 45.3745, 54.2859



44.7993, 45.3745, 63.0902



47.6727, 45.3745, 44.8260



41.4971, 45.3745, 37.8576

Rectangle

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



38.8800, 45.3745, 54.2859



41.5857, 45.3745, 63.2018



47.6727, 45.3745, 44.8260



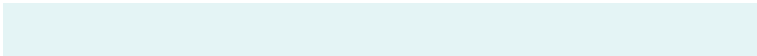
44.7061, 45.3745, 37.7783

Sweetspot

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



38.8813, 45.3764, 54.2869



80.8054, 87.9516, 98.9437



35.3369, 44.2984, 34.5745



17.2768, 18.8587, 21.2721



90.7827, 95.5105, 104.0109



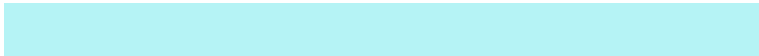
18.6292, 19.5994, 21.3438

Same Dimension

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



38.8813, 45.3764, 54.2869



67.6685, 80.6743, 98.2314



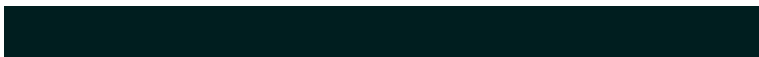
34.8957, 37.4050, 52.9584



9.7881, 10.7686, 12.2349



17.7776, 25.6670, 36.4101



0.7027, 1.0181, 1.4283

Inverse Universe

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



40.1434, 35.1476, 51.6842



70.3569, 58.9724, 92.6678



40.0428, 40.8718, 33.3831



9.9197, 9.6922, 11.9660



19.9741, 9.6208, 31.4868



0.7856, 0.3781, 1.2502

Previews

White Background



This preview shows how the XYZ color 38.8800, 45.3745, 54.2859 looks on a white background.

Color Contrast Check

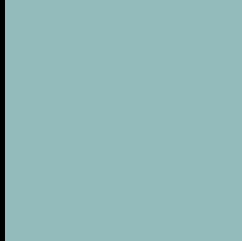
Large Text (above 18pt) WCAG AA × Fail

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 38.8800, 45.3745, 54.2859 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

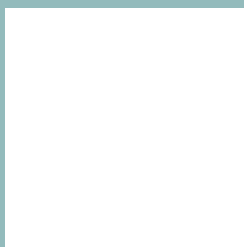
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8800, 45.3745, 54.2859

Background



This preview shows how black text looks on a background with the XYZ color 38.8800, 45.3745, 54.2859.

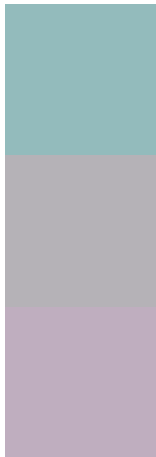


This preview shows how white text looks on a background with the XYZ color 38.8800, 45.3745,

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

38.8800, 45.3745, 54.2859

Protanopia

43.5237, 45.0834, 51.2078

Deuteranopia

46.0259, 45.1101, 55.5715



Tritanopia

40.1687, 45.2576, 61.2621

Trichromacy



Original Color

38.8800, 45.3745, 54.2859

Protanomaly

41.6430, 44.9855, 52.3872

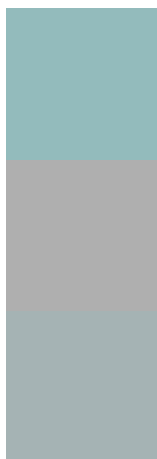
Deuteranomaly

43.0936, 45.0719, 55.1437

Tritanomaly

39.7355, 45.3992, 58.8932

Monochromacy



Original Color

38.8800, 45.3745, 54.2859

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.8754, 43.5348, 49.4814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8800, 45.3745, 54.2859 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(147, 187, 188)` looks like.

```
.text, #text, p{  
    color:rgb(147, 187, 188)  
}
```

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(147, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 187, 188) }
```

Border

The CSS property to change the border of an element to XYZ 38.8800, 45.3745, 54.2859 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(147, 187, 188) }
```


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

```
.border{ border-color:rgb(147, 187, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 187, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(147, 187,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8800, 45.3745, 54.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 187, 188) }
```

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

```
.background{ background-color: rgb(147,  
187, 188) }
```

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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