

Converting Colors

XYZ(38.9878, 45.1256, 59.0781)

Have a look what the booklet for
XYZ(38.9878, 45.1256, 59.0781)
contains.

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Color

**XYZ(38.8504, 44.9430,
58.8518)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBAC4
RGB	143, 186, 196
RGB Percent	56%, 73%, 77%
CMY	0.4392, 0.2706, 0.2314
CMYK	0.27, 0.05, 0.00, 0.23
HSL	191°, 31%, 66%
HSV	191°, 27%, 77%
XYZ	38.8504, 44.9430, 58.8518
YIQ	174.2830, -28.8380, -6.0060

Conversions

Conversions Part 2

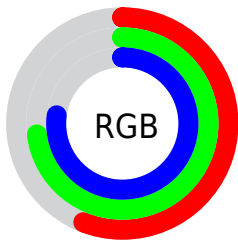
Format	Color
RYB	143, 167, 196
Decimal	9419460
CIELab	72.85, -11.92, -9.72
CIElCh	73, 15.382, 219.184
Yxy	44.9430, 0.2724, 0.3151
Android (android.graphics.Color)	4287609540 (0xFF8FBAC4)
YUV	174.2830, 10.7065, -27.4352
Hunter-Lab	67.0395, -13.8758, -5.1211

Details

The XYZ color **38.8504, 44.9430, 58.8518** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.1146, 36.5016, 30.9715**, and the grayscale version is **40.3359, 42.4365, 46.2134**.

A 20% lighter version of the original color is **72.7705, 82.6019, 105.0369**, and **17.5844, 20.9522, 28.7086** is the 20% darker color. If you saturate the color by 10%, you get **34.9808, 41.8078, 58.4513**, and if you desaturate by 10%, it is **43.3357, 48.4277, 59.2888**.

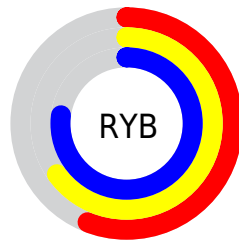
Distribution



Red (56%)

Green (73%)

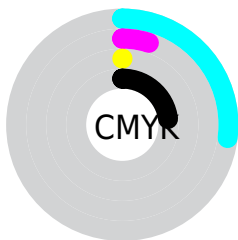
Blue (77%)



Red (56%)

Yellow (65%)

Blue (77%)

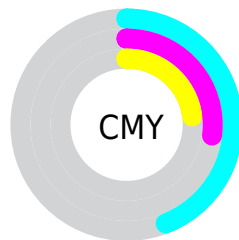


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8504, 44.9430, 58.8518 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 38.8504, 44.9430, 58.8518 by changing the saturation by 10% instead.

■ 38.8504, 44.9430,
58.8518

■ 38.8504, 44.9430,
58.8518

332.4722,
366.5427, 438.0391

■ 26.8236, 31.4125,
42.0746

■ 72.7053, 82.6349,
104.6892

■ 17.5767, 20.9132,
28.8337

■ 95.2640, 107.5651,
134.5866

■ 10.7443, 13.0606,
18.7106

122.0641,
137.0640, 169.6944

■ 5.9612, 7.4703,
11.2866

153.4709,
171.5159, 210.4311

■ 2.8619, 3.7579,
6.1434

189.8497,
211.3054, 257.2155

■ 1.0812, 1.5391,
2.8623

231.5660,

■ 0.0093, 0.3160,

256.8167, 310.4659

1.0247

278.9850,
308.4344, 370.6009

■ 0.0000, 0.0000,
0.0000

■ 38.8504, 44.9430,
58.8518

■ 38.8504, 44.9430,
58.8518

■ 34.9808, 41.8078,
58.4513

■ 43.3357, 48.4277,
59.2888

■ 31.6918, 39.0005,
58.0828

■ 48.4614, 52.2716,
59.7606

■ 28.9510, 36.5053,
57.7457

■ 54.2557, 56.4906,
60.2695

■ 26.7211, 34.3028,
57.4381

■ 60.7440, 61.0979,
60.8168

■ 24.9599, 32.3708,
57.1580

■ 67.9502, 66.1060,
61.4037

■ 23.6181, 30.6839,
56.9031

■ 73.8056, 70.4489,
61.9333

■ 22.6286, 29.2071,
56.6702

■ 74.7187, 72.2750,
62.2377

■ 22.3669, 28.7915,
56.6038

■ 75.6529, 74.1435,
62.5491

■ 76.6085, 76.0546,
62.8676

Harmonies

Analogous

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



37.8348, 44.9430, 51.3259



38.8504, 44.9430, 58.8518



40.9139, 44.9430, 64.0471

Triad

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



38.8504, 44.9430, 58.8518



47.7108, 44.9430, 54.3627



41.9007, 44.9430, 35.7785

Complementary

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



38.8504, 44.9430, 58.8518



39.1146, 36.5016, 30.9715

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.



44.5722, 44.9430, 36.4097



38.8504, 44.9430, 58.8518



48.0020, 44.9430, 46.6201

Square

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



38.8504, 44.9430, 58.8518



46.0521, 44.9430, 61.2732



46.8319, 44.9430, 40.2004



39.5469, 44.9430, 38.3759

Rectangle

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



38.8504, 44.9430, 58.8518



42.6437, 44.9430, 65.2035



46.8319, 44.9430, 40.2004



42.7903, 44.9430, 35.6266

Sweetspot

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



38.8517, 44.9448, 58.8528



86.7236, 93.9034, 108.1621



36.7949, 47.6109, 37.2659



18.2465, 19.8646, 23.1225



0.0000, 0.0000, 0.0000



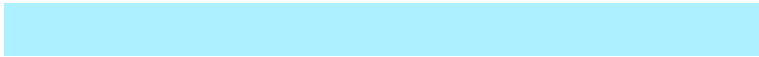
20.3446, 21.4041, 23.3091

Same Dimension

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



38.8517, 44.9448, 58.8528



66.4168, 78.2391, 106.2089



33.8257, 34.8927, 57.1775



10.2018, 11.0950, 12.8887



14.4309, 18.6182, 36.3897



0.6662, 0.8898, 1.5865

Inverse Universe

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



41.4514, 34.9269, 51.0133



71.9303, 57.5687, 89.4532



43.8873, 46.0469, 32.5624



10.4132, 10.2139, 12.2663



18.6800, 9.1618, 22.0247



0.8286, 0.4045, 1.0650

Previews

White Background



This preview shows how the XYZ color 38.8504, 44.9430, 58.8518 looks on a white background.

Color Contrast Check

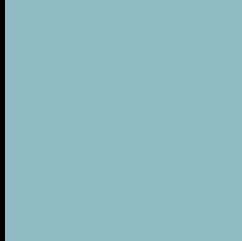
Large Text (above 18pt) WCAG AA × Fail

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 38.8504, 44.9430, 58.8518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

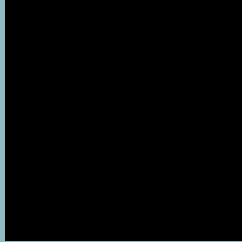
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8504, 44.9430, 58.8518

Background



This preview shows how black text looks on a background with the XYZ color 38.8504, 44.9430, 58.8518.



This preview shows how white text looks on a background with the XYZ color 38.8504, 44.9430,

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

38.8504, 44.9430, 58.8518

Protanopia

43.4862, 44.6708, 55.6206

Deuteranopia

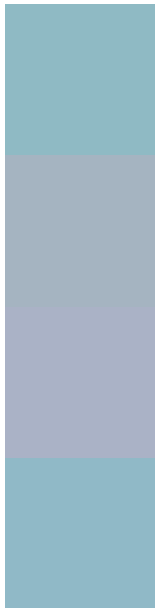
45.6946, 44.8347, 60.2784



Tritanopia

39.2759, 44.7973, 61.2203

Trichromacy



Original Color

38.8504, 44.9430, 58.8518

Protanomaly

41.4639, 44.4921, 56.8545

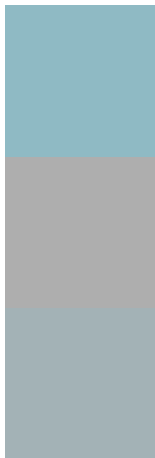
Deuteranomaly

42.6910, 44.4641, 59.7584

Tritanomaly

39.1594, 44.7507, 60.6067

Monochromacy



Original Color

38.8504, 44.9430, 58.8518

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.4681, 43.0047, 50.4765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8504, 44.9430, 58.8518 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(143, 186, 196)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 196)  
}
```

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(143, 186, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 196) }
```

Border

The CSS property to change the border of an element to XYZ 38.8504, 44.9430, 58.8518 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(143, 186, 196) }
```


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

```
.border{ border-color:rgb(143, 186, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 186, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 196);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8504, 44.9430, 58.8518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 196) }
```

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

```
.background{ background-color: rgb(143,  
186, 196) }
```

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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