

Converting Colors

XYZ(38.0802, 42.5812, 54.1855)

Have a look what the booklet for
XYZ(38.0802, 42.5812, 54.1855)
contains.

XYZ(38.0679, 42.4936, 54.3398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.0679, 42.4936,
54.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	97B3BD
RGB	151, 179, 189
RGB Percent	59%, 70%, 74%
CMY	0.4078, 0.2980, 0.2588
CMYK	0.20, 0.05, 0.00, 0.26
HSL	196°, 22%, 67%
HSV	196°, 20%, 74%
XYZ	38.0679, 42.4936, 54.3398
YIQ	171.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

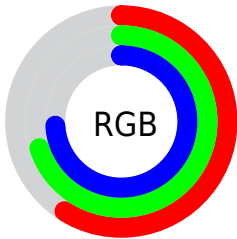
Format	Color
R_{YB}	151, 167, 189
Decimal	9941949
CIE _{Lab}	71.21, -7.34, -8.28
CIE _{LCh}	71, 11.067, 228.429
Yxy	42.4936, 0.2822, 0.3150
Android (android.graphics.Color)	4288132029 (0xFF97B3BD)
YUV	171.7680, 8.4954, -18.2135
Hunter-Lab	65.1871, -9.8372, -3.7930

Details

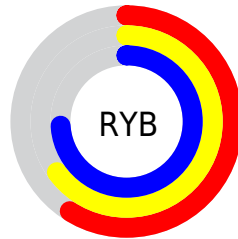
The XYZ color **38.0679, 42.4936, 54.3398** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3175, 38.5430, 34.6464**, and the grayscale version is **39.0620, 41.0963, 44.7539**.

A 20% lighter version of the original color is **71.6434, 79.1310, 97.8840**, and **17.0504, 19.3519, 26.1292** is the 20% darker color. If you saturate the color by 10%, you get **33.8592, 38.8720, 53.8633**, and if you desaturate by 10%, it is **42.8774, 46.4804, 54.8565**.

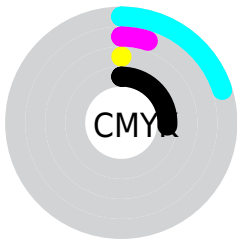
Distribution



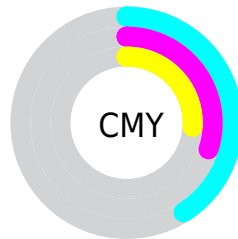
- Red (59%)
- Green (70%)
- Blue (74%)



- Red (59%)
- Yellow (65%)
- Blue (74%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (41%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0679, 42.4936, 54.3398 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 38.0679, 42.4936, 54.3398 by changing the saturation by 10% instead.

■ 38.0679, 42.4936,
54.3398

■ 38.0679, 42.4936,
54.3398

329.1870,
356.5250, 420.6156

■ 26.2128, 29.4880,
38.4784

■ 71.5154, 78.9461,
98.0344

■ 17.1165, 19.4503,
26.0495

■ 93.8386, 103.1618,
126.7047

■ 10.4134, 11.9961,
16.6346

120.3819,
131.8830, 160.4816

■ 5.7382, 6.7410,
9.8151

151.5106,
165.4941, 199.7838

■ 2.7257, 3.3007,
5.1725

187.5901,
204.3794, 245.0298

■ 1.0104, 1.2906,
2.2883

228.9858,

■ 0.0000, 0.1339,

248.9234, 296.6380

0.7247

276.0629,
299.5105, 355.0271

■ 0.0000, 0.0000,
0.0000

■ 38.0679, 42.4936,
54.3398

■ 38.0679, 42.4936,
54.3398

■ 33.8592, 38.8720,
53.8633

■ 42.8774, 46.4804,
54.8565

■ 30.2203, 35.5959,
53.4227

■ 48.3093, 50.8409,
55.4119

■ 27.1233, 32.6515,
53.0176

■ 54.3886, 55.5896,
56.0081

■ 24.5362, 30.0215,
52.6463

■ 61.1379, 60.7387,
56.6462

■ 22.4233, 27.6870,
52.3071

■ 68.5785, 66.2996,
57.3274

■ 20.7442, 25.6267,
51.9979

■ 73.1865, 70.4563,
57.8869

■ 19.4511, 23.8153,
51.7164

■ 74.4245, 72.9322,
58.2995

■ 18.4579, 22.2191,
51.4607

■ 75.7008, 75.4849,
58.7250

■ 77.0159, 78.1151,
59.1634

Harmonies

Analogous

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



37.0984, 42.4936, 49.5737



38.0679, 42.4936, 54.3398



39.6776, 42.4936, 57.0156

Triad

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



38.0679, 42.4936, 54.3398



43.9853, 42.4936, 48.3478



39.2717, 42.4936, 37.2373

Complementary

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



38.0679, 42.4936, 54.3398



39.3175, 38.5430, 34.6464

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.



41.1086, 42.4936, 36.9643



38.0679, 42.4936, 54.3398



43.8685, 42.4936, 43.1132

Square

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



38.0679, 42.4936, 54.3398



43.1168, 42.4936, 53.3834



42.8024, 42.4936, 39.0385



37.7785, 42.4936, 39.8153

Rectangle

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



38.0679, 42.4936, 54.3398



40.9141, 42.4936, 57.1275



42.8024, 42.4936, 39.0385



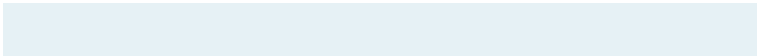
39.8682, 42.4936, 36.8806

Sweetspot

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



38.0692, 42.4953, 54.3408



80.5562, 86.2944, 98.6369



37.3499, 45.5309, 40.3082



17.1893, 18.4493, 21.1977



90.7827, 95.5105, 104.0109



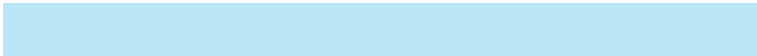
18.6292, 19.5994, 21.3438

Same Dimension

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



38.0692, 42.4953, 54.3408



64.8264, 73.2537, 96.9489



34.6063, 35.5697, 53.1865



9.5904, 10.3731, 12.1690



12.4838, 15.0793, 34.6455



0.5396, 0.6919, 1.3740

Inverse Universe

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



40.1906, 36.2077, 47.5203



69.3462, 60.1908, 82.3426



42.7934, 45.4950, 35.8050



9.8199, 9.6522, 11.4404



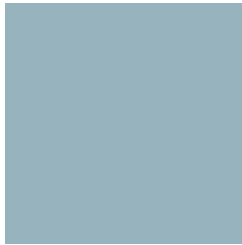
17.3020, 8.5520, 17.4158



0.7033, 0.3452, 0.8167

Previews

White Background



This preview shows how the XYZ color 38.0679, 42.4936, 54.3398 looks on a white background.

Color Contrast Check

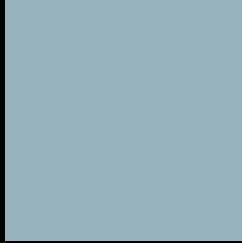
Large Text (above 18pt) WCAG AA × Fail

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 38.0679, 42.4936, 54.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

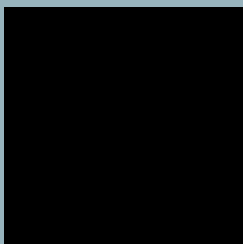
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

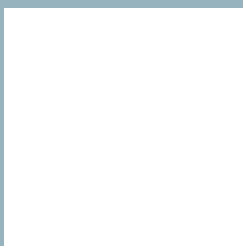
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0679, 42.4936, 54.3398

Background



This preview shows how black text looks on a background with the XYZ color 38.0679, 42.4936, 54.3398.

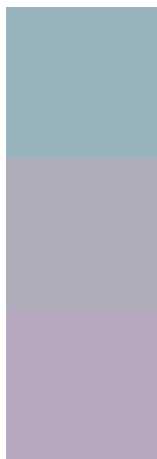


This preview shows how white text looks on a background with the XYZ color 38.0679, 42.4936,

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

38.0679, 42.4936, 54.3398

Protanopia

41.1561, 42.3886, 51.9116

Deuteranopia

43.1204, 42.2048, 55.1639



Tritanopia

38.4949, 42.3664, 56.6007

Trichromacy



Original Color

38.0679, 42.4936, 54.3398

Protanomaly

39.9188, 42.3121, 52.5175

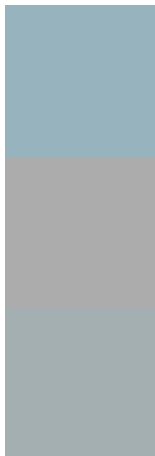
Deuteranomaly

41.0324, 42.2628, 54.7101

Tritanomaly

38.3837, 42.3220, 56.0151

Monochromacy



Original Color

38.0679, 42.4936, 54.3398

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6757, 41.7668, 48.1429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0679, 42.4936, 54.3398 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(151, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(151, 179, 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(151, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 179, 189) }
```

Border

The CSS property to change the border of an element to XYZ 38.0679, 42.4936, 54.3398 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(151, 179, 189) }
```


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

```
.border{ border-color:rgb(151, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(151, 179,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0679, 42.4936, 54.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 179, 189) }
```

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

```
.background{ background-color: rgb(151,  
179, 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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