

Converting Colors

XYZ(38.7178, 43.1463, 56.1577)

Have a look what the booklet for
XYZ(38.7178, 43.1463, 56.1577)
contains.

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Color

**XYZ(38.5982, 43.0276,
56.1400)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 97B4C0 |
| RGB | 151, 180, 192 |
| RGB Percent | 59%, 71%, 75% |
| CMY | 0.4078, 0.2941, 0.2471 |
| CMYK | 0.21, 0.06, 0.00, 0.25 |
| HSL | 198°, 25%, 67% |
| HSV | 198°, 21%, 75% |
| XYZ | 38.5982, 43.0276, 56.1400 |
| YIQ | 172.6970, -21.1360, -2.4160 |

Conversions

Conversions Part 2

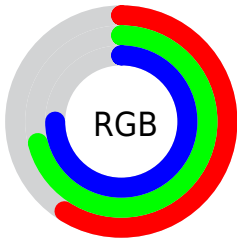
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 151, 168, 192 |
| Decimal | 9942208 |
| CIE _{Lab} | 71.57, -7.21, -9.38 |
| CIE _{LCh} | 72, 11.833, 232.476 |
| Yxy | 43.0276, 0.2802, 0.3123 |
| Android (android.graphics.Color) | 4288132288 (0xFF97B4C0) |
| YUV | 172.6970, 9.5164, -19.0283 |
| Hunter-Lab | 65.5954, -9.7576, -4.8267 |

Details

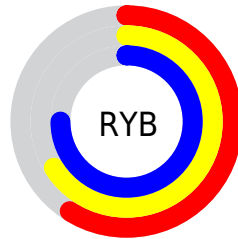
The XYZ color **38.5982, 43.0276, 56.1400** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4218, 39.6354, 34.7990**, and the grayscale version is **39.5281, 41.5866, 45.2878**.

A 20% lighter version of the original color is **72.3923, 79.8900, 100.4118**, and **17.3952, 19.6955, 27.3109** is the 20% darker color. If you saturate the color by 10%, you get **34.2099, 39.1166, 55.6171**, and if you desaturate by 10%, it is **43.6153, 47.3333, 56.7074**.

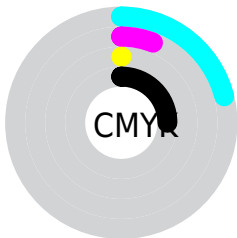
Distribution



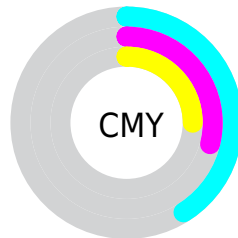
- Red (59%)
- Green (71%)
- Blue (75%)



- Red (59%)
- Yellow (66%)
- Blue (75%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5982, 43.0276, 56.1400 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 38.5982, 43.0276, 56.1400 by changing the saturation by 10% instead.

■ 38.5982, 43.0276,
56.1400

■ 38.5982, 43.0276,
56.1400

331.4158,
358.7253, 427.6220

■ 26.6266, 29.9068,
39.9104

■ 72.3221, 79.7525,
100.6971

■ 17.4281, 19.7678,
27.1555

■ 94.8051, 104.1254,
129.8617

■ 10.6374, 12.2264,
17.4565

121.5227,
133.0177, 164.1750

■ 5.8891, 6.8981,
10.3951

152.8401,
166.8139, 204.0557

■ 2.8178, 3.3984,
5.5527

189.1228,
205.8984, 249.9221

■ 1.0581, 1.3431,
2.5107

230.7361,

■ 0.0000, 0.1742,

250.6555, 302.1930

0.8458

278.0453,
301.4697, 361.2868

■ 0.0000, 0.0000,
0.0000

■ 38.5982, 43.0276,
56.1400

■ 38.5982, 43.0276,
56.1400

■ 34.2099, 39.1166,
55.6171

■ 43.6153, 47.3333,
56.7074

■ 30.4181, 35.5794,
55.1342

■ 49.2842, 52.0429,
57.3176

■ 27.1931, 32.4010,
54.6907

■ 55.6311, 57.1719,
57.9731

■ 24.5009, 29.5632,
54.2848

■ 62.6797, 62.7332,
58.6750

■ 22.3040, 27.0457,
53.9147

■ 70.4527, 68.7393,
59.4246

■ 20.5592, 24.8254,
53.5781

■ 74.7290, 73.0148,
60.0245

■ 19.2155, 22.8751,
53.2725

■ 76.1732, 75.9030,
60.5059

■ 18.2928, 21.3623,
53.0291

■ 77.6668, 78.8903,
61.0038

■ 79.2104, 81.9775,
61.5183

Harmonies

Analogous

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



37.4444, 43.0276, 51.1881



38.5982, 43.0276, 56.1400



40.3949, 43.0276, 58.6404

Triad

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



38.5982, 43.0276, 56.1400



44.8292, 43.0276, 48.3070



39.4436, 43.0276, 37.3906

Complementary

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



38.5982, 43.0276, 56.1400



40.4218, 39.6354, 34.7990

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.



41.4022, 43.0276, 36.7560



38.5982, 43.0276, 56.1400



44.5544, 43.0276, 42.7637

Square

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



38.5982, 43.0276, 56.1400



44.0233, 43.0276, 53.8844



43.2842, 43.0276, 38.6455



37.9213, 43.0276, 40.4556

Rectangle

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



38.5982, 43.0276, 56.1400



41.7329, 43.0276, 58.4487



43.2842, 43.0276, 38.6455



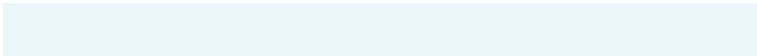
40.0712, 43.0276, 36.8967

Sweetspot

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



38.5995, 43.0294, 56.1410



84.2772, 90.1573, 103.3205



38.1895, 46.9100, 41.5132



17.9356, 19.2215, 22.1501



92.9021, 97.7402, 106.4391



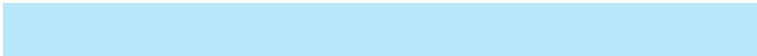
19.4759, 20.4902, 22.3138

Same Dimension

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



38.5995, 43.0294, 56.1410



65.7736, 74.2893, 101.2329



34.8284, 35.4872, 54.8840



10.1116, 10.9144, 12.8586



12.3789, 14.5142, 35.7057



0.5920, 0.7414, 1.5618

Inverse Universe

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



41.0441, 36.6360, 48.0902



71.1298, 60.7356, 83.4916



44.2825, 47.3568, 36.0859



10.3676, 10.1957, 12.0264



17.6442, 8.7475, 16.5705



0.7912, 0.3895, 0.8679

Previews

White Background



This preview shows how the XYZ color 38.5982, 43.0276, 56.1400 looks on a white background.

Color Contrast Check

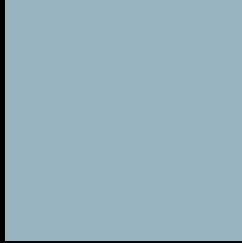
Large Text (above 18pt) WCAG AA × Fail

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 38.5982, 43.0276, 56.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

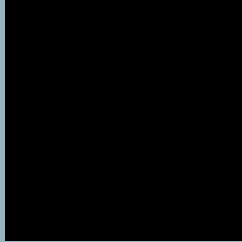
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

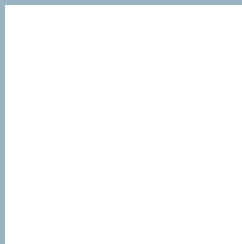
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5982, 43.0276, 56.1400

Background



This preview shows how black text looks on a background with the XYZ color 38.5982, 43.0276, 56.1400.



This preview shows how white text looks on a background with the XYZ color 38.5982, 43.0276,

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

38.5982, 43.0276, 56.1400

Protanopia

41.6687, 42.9016, 53.6616

Deuteranopia

43.6408, 42.7118, 56.9830



Tritanopia

38.8214, 43.1169, 57.3152

Trichromacy



Original Color

38.5982, 43.0276, 56.1400

Protanomaly

40.4365, 42.8318, 54.2802

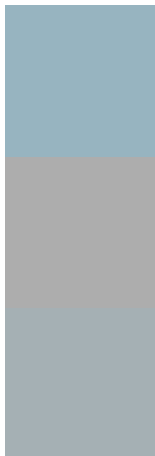
Deuteranomaly

41.5563, 42.7803, 56.5192

Tritanomaly

38.7094, 43.0721, 56.7256

Monochromacy



Original Color

38.5982, 43.0276, 56.1400

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2806, 42.3453, 49.2832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5982, 43.0276, 56.1400 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, 180, 192)` looks like.

```
.text, #text, p{  
    color:rgb(151, 180, 192)  
}
```

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, 180, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 180, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.5982, 43.0276, 56.1400 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, 180, 192) }
```


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

```
.border{ border-color:rgb(151, 180, 192) }
```

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

Here you see how a box with a 4 pixel rgb(151, 180, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 180, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 180, 192);  
box-shadow:4px 4px 4px 4px rgb(151, 180,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5982, 43.0276, 56.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 180, 192) }
```

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

```
.background{ background-color: rgb(151,  
180, 192) }
```

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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