

Converting Colors

XYZ(38.7375, 42.8780, 56.6872)

Have a look what the booklet for
XYZ(38.7375, 42.8780, 56.6872)
contains.

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Color

**XYZ(38.6946, 42.7659,
56.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	98B3C1
RGB	152, 179, 193
RGB Percent	60%, 70%, 76%
CMY	0.4039, 0.2980, 0.2431
CMYK	0.21, 0.07, 0.00, 0.24
HSL	200°, 25%, 68%
HSV	200°, 21%, 76%
XYZ	38.6946, 42.7659, 56.6673
YIQ	172.5230, -20.5860, -1.3700

Conversions

Conversions Part 2

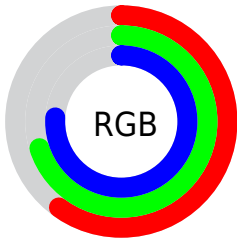
Format	Color
RYB	152, 168, 193
Decimal	10007489
CIELab	71.40, -6.13, -10.19
CIELCh	71, 11.895, 238.964
Yxy	42.7659, 0.2801, 0.3096
Android (android.graphics.Color)	4288197569 (0xFF98B3C1)
YUV	172.5230, 10.0952, -17.9987
Hunter-Lab	65.3956, -8.8239, -5.5996

Details

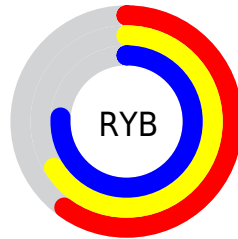
The XYZ color **38.6946, 42.7659, 56.6673** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2963, 40.8768, 35.4200**, and the grayscale version is **39.4366, 41.4904, 45.1831**.

A 20% lighter version of the original color is **72.5393, 79.5216, 101.1485**, and **17.3766, 19.4951, 27.2732** is the 20% darker color. If you saturate the color by 10%, you get **34.0832, 38.4758, 56.0830**, and if you desaturate by 10%, it is **43.9595, 47.4887, 57.3021**.

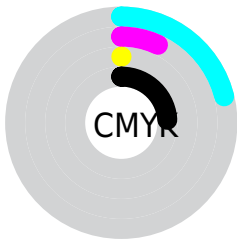
Distribution



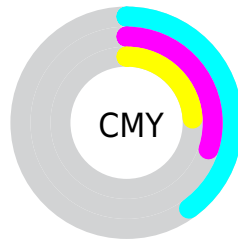
- Red (60%)
- Green (70%)
- Blue (76%)



- Red (60%)
- Yellow (66%)
- Blue (76%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6946, 42.7659, 56.6673 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 38.6946, 42.7659, 56.6673 by changing the saturation by 10% instead.

■ 38.6946, 42.7659,
56.6673

■ 38.6946, 42.7659,
56.6673

331.8199,
357.6481, 429.6602

■ 26.7019, 29.7015,
40.3306

■ 72.4686, 79.3575,
101.4751

■ 17.4849, 19.6121,
27.4807

■ 94.9806, 103.6534,
130.7833

■ 10.6782, 12.1134,
17.6989

121.7297,
132.4620, 165.2523

■ 5.9166, 6.8210,
10.5668

153.0813,
166.1676, 205.3009

■ 2.8346, 3.3504,
5.6659

189.4008,
205.1546, 251.3474

■ 1.0669, 1.3173,
2.5775

231.0535,

■ 0.0000, 0.1545,

249.8075, 303.8104

0.8808

278.4047,
300.5105, 363.1085

■ 0.0000, 0.0000,
0.0000

■ 38.6946, 42.7659,
56.6673

■ 38.6946, 42.7659,
56.6673

■ 34.0832, 38.4758,
56.0830

■ 43.9595, 47.4887,
57.3021

■ 30.0922, 34.5968,
55.5446

■ 49.9013, 52.6544,
57.9860

■ 26.6911, 31.1131,
55.0514

■ 56.5471, 58.2792,
58.7214

■ 23.8455, 28.0054,
54.6016

■ 63.9211, 64.3768,
59.5097

■ 21.5168, 25.2525,
54.1930

■ 72.0464, 70.9604,
60.3522

■ 19.6611, 22.8305,
53.8232

■ 76.0771, 75.5329,
61.0224

■ 18.2263, 20.7108,
53.4897

■ 77.8255, 79.0297,
61.6052

■ 17.2294, 19.0575,
53.2232

■ 79.6427, 82.6642,
62.2109

■ 81.5294, 86.4376,
62.8398

Harmonies

Analogous

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



37.3710, 42.7659, 52.1118



38.6946, 42.7659, 56.6673



40.5781, 42.7659, 58.4838

Triad

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



38.6946, 42.7659, 56.6673



44.6204, 42.7659, 46.7645



38.8114, 42.7659, 37.5675

Complementary

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



38.6946, 42.7659, 56.6673



41.2963, 40.8768, 35.4200

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.



40.7174, 42.7659, 36.3863



38.6946, 42.7659, 56.6673



44.1106, 42.7659, 41.4261

Square

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



38.6946, 42.7659, 56.6673



44.0371, 42.7659, 52.4849



42.6655, 42.7659, 37.7406



37.4369, 42.7659, 41.1075

Rectangle

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



38.6946, 42.7659, 56.6673



41.9119, 42.7659, 57.7919



42.6655, 42.7659, 37.7406



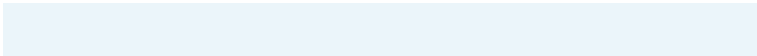
39.4092, 42.7659, 36.8949

Sweetspot

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



38.6959, 42.7676, 56.6683



84.0558, 89.7144, 103.2467



38.8720, 47.5570, 43.0477



17.8831, 19.1166, 22.1326



92.9021, 97.7402, 106.4391



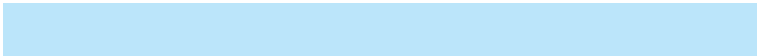
19.4759, 20.4902, 22.3138

Same Dimension

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



38.6959, 42.7676, 56.6683



65.7380, 73.3158, 101.0469



34.9448, 35.2654, 55.4179



10.0696, 10.8306, 12.8446



11.5360, 12.8286, 35.4248



0.5603, 0.6781, 1.5512

Inverse Universe

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



41.3582, 37.0495, 47.6213



71.3321, 61.6600, 81.9570



45.2546, 48.7933, 36.7394



10.3464, 10.1872, 11.9149



17.2188, 8.5773, 14.3303



0.7752, 0.3831, 0.7837

Previews

White Background



This preview shows how the XYZ color 38.6946, 42.7659, 56.6673 looks on a white background.

Color Contrast Check

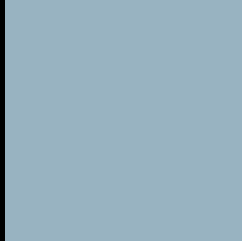
Large Text (above 18pt) WCAG AA × Fail

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 38.6946, 42.7659, 56.6673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

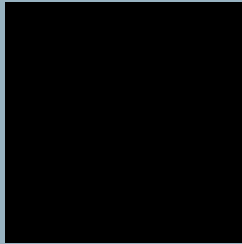
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

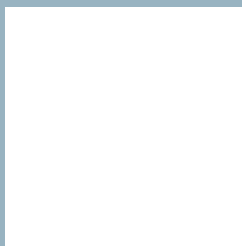
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6946, 42.7659, 56.6673

Background



This preview shows how black text looks on a background with the XYZ color 38.6946, 42.7659, 56.6673.

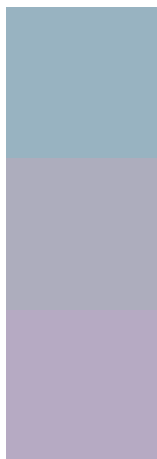


This preview shows how white text looks on a background with the XYZ color 38.6946, 42.7659,

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

38.6946, 42.7659, 56.6673

Protanopia

41.3625, 42.4455, 54.1569

Deuteranopia

43.5165, 42.6347, 57.5655



Tritanopia

38.6946, 42.7659, 56.6673

Trichromacy



Original Color

38.6946, 42.7659, 56.6673

Protanomaly

40.1413, 42.3770, 54.7791

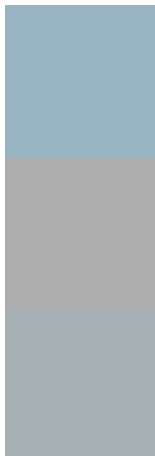
Deuteranomaly

41.4758, 42.4401, 57.0447

Tritanomaly

38.6946, 42.7659, 56.6673

Monochromacy



Original Color

38.6946, 42.7659, 56.6673

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.0852, 41.9546, 49.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6946, 42.7659, 56.6673 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(152, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 193)  
}
```

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(152, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 193) }
```

Border

The CSS property to change the border of an element to XYZ 38.6946, 42.7659, 56.6673 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(152, 179, 193) }
```


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

```
.border{ border-color:rgb(152, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6946, 42.7659, 56.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 193) }
```

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

```
.background{ background-color: rgb(152,  
179, 193) }
```

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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