

Converting Colors

XYZ(38.6441, 43.4650, 56.1567)

Have a look what the booklet for
XYZ(38.6441, 43.4650, 56.1567)
contains.

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Color

**XYZ(38.6160, 43.3375,
56.1989)**

Conversions

Conversions Part 1

Format	Color
Hex	96B5C0
RGB	150, 181, 192
RGB Percent	59%, 71%, 75%
CMY	0.4118, 0.2902, 0.2471
CMYK	0.22, 0.06, 0.00, 0.25
HSL	196°, 25%, 67%
HSV	196°, 22%, 75%
XYZ	38.6160, 43.3375, 56.1989
YIQ	172.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

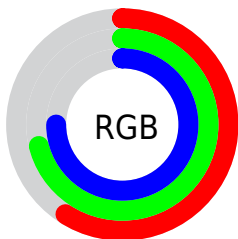
Format	Color
RYB	150, 168, 192
Decimal	9876928
CIELab	71.78, -8.05, -9.08
CIElCh	72, 12.137, 228.422
Yxy	43.3375, 0.2795, 0.3137
Android (android.graphics.Color)	4288067008 (0xFF96B5C0)
YUV	172.9850, 9.3744, -20.1578
Hunter-Lab	65.8312, -10.4982, -4.5329

Details

The XYZ color **38.6160, 43.3375, 56.1989** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9887, 38.8985, 34.2557**, and the grayscale version is **39.6756, 41.7418, 45.4569**.

A 20% lighter version of the original color is **72.4043, 80.3248, 100.4951**, and **17.4164, 19.8991, 27.3491** is the 20% darker color. If you saturate the color by 10%, you get **34.3646, 39.6565, 55.7132**, and if you desaturate by 10%, it is **43.4857, 47.3942, 56.7260**.

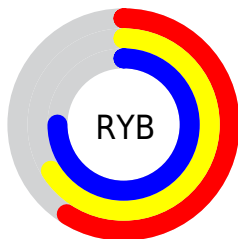
Distribution



Red (59%)

Green (71%)

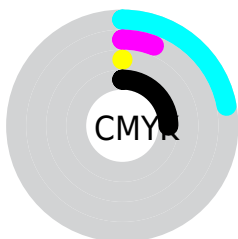
Blue (75%)



Red (59%)

Yellow (66%)

Blue (75%)

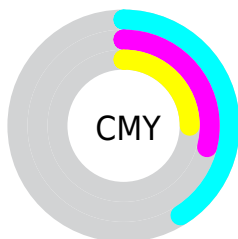


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6160, 43.3375, 56.1989 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 38.6160, 43.3375, 56.1989 by changing the saturation by 10% instead.

■ 38.6160, 43.3375,
56.1989

■ 38.6160, 43.3375,
56.1989

331.4905,
359.9979, 427.8500

■ 26.6405, 30.1500,
39.9574

■ 72.3492, 80.2199,
100.7840

■ 17.4386, 19.9525,
27.1918

■ 94.8375, 104.6836,
129.9647

■ 10.6449, 12.3605,
17.4836

121.5609,
133.6749, 164.2955

■ 5.8941, 6.9897,
10.4143

152.8847,
167.5780, 204.1949

■ 2.8209, 3.4557,
5.5653

189.1742,
206.7775, 250.0815

■ 1.0598, 1.3740,
2.5181

230.7947,

■ 0.0000, 0.1974,

251.6578, 302.3739

0.8497

278.1117,
302.6031, 361.4905

■ 0.0000, 0.0000,
0.0000

■ 38.6160, 43.3375,
56.1989

■ 38.6160, 43.3375,
56.1989

■ 34.3646, 39.6565,
55.7132

■ 43.4857, 47.3942,
56.7260

■ 30.6993, 36.3307,
55.2644

■ 48.9966, 51.8357,
57.2928

■ 27.5902, 33.3454,
54.8521

■ 55.1750, 56.6772,
57.9017

■ 25.0037, 30.6824,
54.4744

■ 62.0443, 61.9314,
58.5538

■ 22.9018, 28.3218,
54.1295

■ 69.6272, 67.6103,
59.2503

■ 21.2414, 26.2405,
53.8153

■ 74.0911, 71.7388,
59.8119

■ 19.9710, 24.4116,
53.5292

■ 75.3611, 74.2789,
60.2352

■ 19.1466, 23.0698,
53.3137

■ 76.6706, 76.8978,
60.6717

■ 78.0198, 79.5963,
61.1214

Harmonies

Analogous

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



37.5435, 43.3375, 50.8663



38.6160, 43.3375, 56.1989



40.4005, 43.3375, 59.2051

Triad

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



38.6160, 43.3375, 56.1989



45.1975, 43.3375, 49.5025



39.9510, 43.3375, 37.2153

Complementary

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



38.6160, 43.3375, 56.1989



39.9887, 38.8985, 34.2557

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.



41.9917, 43.3375, 36.9167



38.6160, 43.3375, 56.1989



45.0674, 43.3375, 43.6898

Square

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



38.6160, 43.3375, 56.1989



44.2279, 43.3375, 55.1291



43.8780, 43.3375, 39.1943



38.2964, 43.3375, 40.0472

Rectangle

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



38.6160, 43.3375, 56.1989



41.7743, 43.3375, 59.3314



43.8780, 43.3375, 39.1943



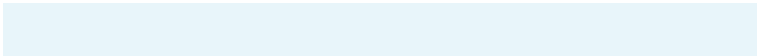
40.6132, 43.3375, 36.8246

Sweetspot

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



38.6173, 43.3393, 56.1999



83.3997, 89.6180, 103.2627



37.8172, 46.7398, 40.5170



17.7631, 19.1220, 22.1400



92.9021, 97.7402, 106.4391



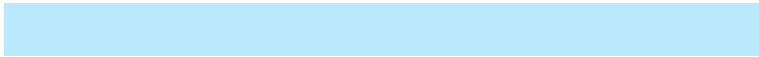
19.4759, 20.4902, 22.3138

Same Dimension

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



38.6173, 43.3393, 56.1999



66.3360, 75.4142, 101.4204



34.7507, 35.6062, 54.9110



10.1381, 10.9676, 12.8675



12.9494, 15.6553, 35.8959



0.6130, 0.7834, 1.5688

Inverse Universe

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



40.9861, 36.3565, 48.5752



71.4137, 60.8492, 84.9866



43.8698, 46.6608, 35.5495



10.3810, 10.2010, 12.0970



17.9322, 8.8626, 18.0871



0.8018, 0.3937, 0.9237

Previews

White Background



This preview shows how the XYZ color 38.6160, 43.3375, 56.1989 looks on a white background.

Color Contrast Check

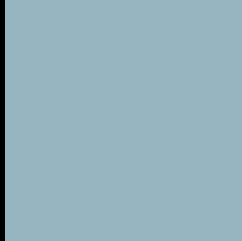
Large Text (above 18pt) WCAG AA × Fail

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 38.6160, 43.3375, 56.1989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

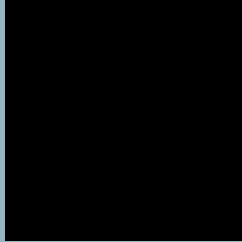
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6160, 43.3375, 56.1989

Background



This preview shows how black text looks on a background with the XYZ color 38.6160, 43.3375, 56.1989.

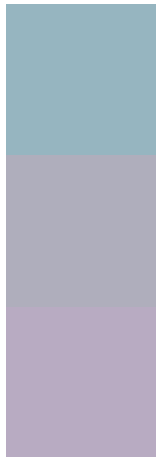


This preview shows how white text looks on a background with the XYZ color 38.6160, 43.3375,

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

38.6160, 43.3375, 56.1989

Protanopia

41.8923, 43.0169, 53.6721

Deuteranopia

44.0677, 43.2112, 57.0569



Tritanopia

39.1367, 43.5672, 57.9763

Trichromacy



Original Color

38.6160, 43.3375, 56.1989

Protanomaly

40.6333, 43.2254, 54.3458

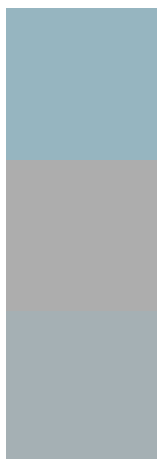
Deuteranomaly

41.9689, 43.2809, 56.5941

Tritanomaly

39.0240, 43.5221, 57.3828

Monochromacy



Original Color

38.6160, 43.3375, 56.1989

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 38.6160, 43.3375, 56.1989 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(150, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 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(150, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.6160, 43.3375, 56.1989 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(150, 181, 192) }
```


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

```
.border{ border-color:rgb(150, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6160, 43.3375, 56.1989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 192) }
```

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

```
.background{ background-color: rgb(150,  
181, 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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