

Converting Colors

XYZ(38.5106, 43.0577, 52.7356)

Have a look what the booklet for
XYZ(38.5106, 43.0577, 52.7356)
contains.

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Color

**XYZ(38.5106, 43.0577,
52.7356)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB4BA
RGB	154, 180, 186
RGB Percent	60%, 71%, 73%
CMY	0.3961, 0.2941, 0.2706
CMYK	0.17, 0.03, 0.00, 0.27
HSL	191°, 19%, 67%
HSV	191°, 17%, 73%
XYZ	38.5106, 43.0577, 52.7356
YIQ	172.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

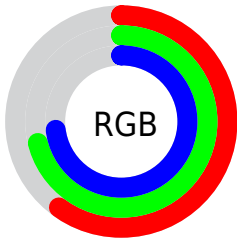
Format	Color
RYB	154, 168, 186
Decimal	10138810
CIELab	71.59, -7.58, -6.04
CIElCh	72, 9.689, 218.564
Yxy	43.0577, 0.2867, 0.3206
Android (android.graphics.Color)	4288328890 (0xFF9AB4BA)
YUV	172.9100, 6.4534, -16.5841
Hunter-Lab	65.6184, -10.0727, -1.7168

Details

The XYZ color **38.5106, 43.0577, 52.7356** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6536, 37.9138, 35.8535**, and the grayscale version is **39.6501, 41.7150, 45.4277**.

A 20% lighter version of the original color is **72.3170, 79.9570, 95.6261**, and **17.3025, 19.6970, 25.0803** is the 20% darker color. If you saturate the color by 10%, you get **34.5465, 39.9836, 52.3519**, and if you desaturate by 10%, it is **43.0435, 46.4536, 53.1529**.

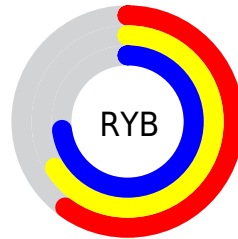
Distribution



Red (60%)

Green (71%)

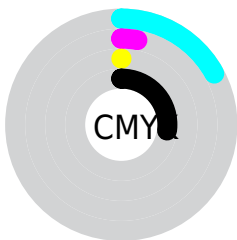
Blue (73%)



Red (60%)

Yellow (66%)

Blue (73%)

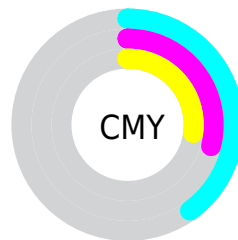


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5106, 43.0577, 52.7356 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 38.5106, 43.0577, 52.7356 by changing the saturation by 10% instead.

■ 38.5106, 43.0577,
52.7356

■ 38.5106, 43.0577,
52.7356

331.0484,
358.8490, 414.3074

■ 26.5582, 29.9304,
37.2055

■ 72.1889, 79.7979,
95.6528

■ 17.3766, 19.7858,
25.0696

■ 94.6456, 104.1796,
123.8769

■ 10.6003, 12.2394,
15.9094

121.3345,
133.0816, 157.1695

■ 5.8641, 6.9069,
9.3064

152.6208,
166.8882, 195.9490

■ 2.8025, 3.4040,
4.8420

188.8700,
205.9838, 240.6340

■ 1.0502, 1.3461,
2.0978

230.4475,

■ 0.0000, 0.1765,

250.7529, 291.6430

0.6144

277.7184,
301.5799, 349.3947

■ 0.0000, 0.0000,
0.0000

■ 38.5106, 43.0577,
52.7356

■ 38.5106, 43.0577,
52.7356

■ 34.5465, 39.9836,
52.3519

■ 43.0435, 46.4536,
53.1529

■ 31.1222, 37.2127,
51.9975

■ 48.1650, 50.1783,
53.6019

■ 28.2115, 34.7324,
51.6722

■ 53.8988, 54.2453,
54.0847

■ 25.7848, 32.5274,
51.3745

■ 60.2660, 58.6656,
54.6023

■ 23.8092, 30.5805,
51.1028

■ 67.2867, 63.4498,
55.1557

■ 22.2475, 28.8722,
50.8554

■ 70.9711, 66.5414,
55.5582

■ 21.0567, 27.3803,
50.6302

■ 71.7927, 68.1844,
55.8321

■ 20.1751, 26.0726,
50.4242

■ 72.6327, 69.8646,
56.1121

■ 19.9522, 25.7236,
50.3686

■ 73.4915, 71.5821,
56.3984

Harmonies

Analogous

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



37.8879, 43.0577, 48.2392



38.5106, 43.0577, 52.7356



39.7844, 43.0577, 55.7933

Triad

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



38.5106, 43.0577, 52.7356



43.9284, 43.0577, 50.2581



40.4576, 43.0577, 38.5139

Complementary

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



38.5106, 43.0577, 52.7356



38.6536, 37.9138, 35.8535

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.



42.0873, 43.0577, 38.9749



38.5106, 43.0577, 52.7356



44.1203, 43.0577, 45.5515

Square

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



38.5106, 43.0577, 52.7356



42.9208, 43.0577, 54.2978



43.4384, 43.0577, 41.4794



38.9922, 43.0577, 40.1751

Rectangle

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



38.5106, 43.0577, 52.7356



40.8462, 43.0577, 56.4940



43.4384, 43.0577, 41.4794



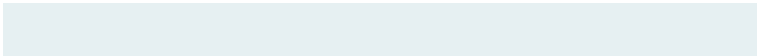
41.0040, 43.0577, 38.4282

Sweetspot

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



38.5119, 43.0595, 52.7366



79.8960, 85.5799, 96.5090



37.2196, 44.5220, 39.8293



17.4555, 18.7442, 21.2406



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.



38.5119, 43.0595, 52.7366



66.7039, 75.6680, 95.2911



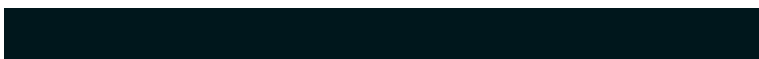
35.4895, 37.0147, 51.7291



9.1197, 9.9167, 11.5129



13.4743, 17.4083, 33.9030



0.5125, 0.6887, 1.2077

Inverse Universe

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



40.0445, 36.8465, 48.1836



70.0844, 62.2149, 85.1926



41.5824, 43.7714, 36.8298



9.3068, 9.1331, 10.9629



17.4149, 8.5397, 20.6035



0.6328, 0.3086, 0.8260

Previews

White Background



This preview shows how the XYZ color 38.5106, 43.0577, 52.7356 looks on a white background.

Color Contrast Check

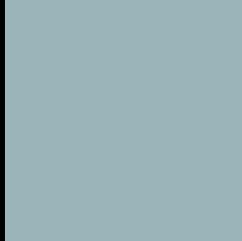
Large Text (above 18pt) WCAG AA × Fail

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 38.5106, 43.0577, 52.7356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

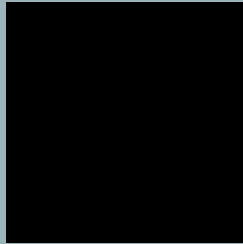
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5106, 43.0577, 52.7356

Background



This preview shows how black text looks on a background with the XYZ color 38.5106, 43.0577, 52.7356.



This preview shows how white text looks on a background with the XYZ color 38.5106, 43.0577,

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

38.5106, 43.0577, 52.7356

Protanopia

41.4840, 42.8796, 50.3461

Deuteranopia

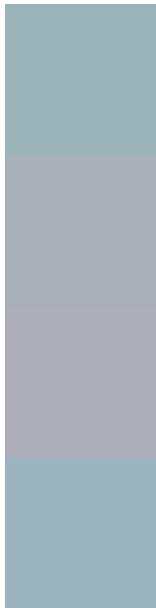
43.7015, 42.8194, 53.5386



Tritanopia

39.2633, 43.0590, 56.6939

Trichromacy



Original Color

38.5106, 43.0577, 52.7356

Protanomaly

40.2210, 42.7944, 50.9400

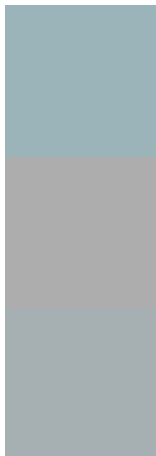
Deuteranomaly

41.5613, 42.8586, 53.0957

Tritanomaly

38.9319, 42.9265, 54.9489

Monochromacy



Original Color

38.5106, 43.0577, 52.7356

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2871, 42.3720, 48.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5106, 43.0577, 52.7356 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(154, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(154, 180, 186)  
}
```

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(154, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 180, 186) }
```

Border

The CSS property to change the border of an element to XYZ 38.5106, 43.0577, 52.7356 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(154, 180, 186) }
```


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

```
.border{ border-color:rgb(154, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(154, 180,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5106, 43.0577, 52.7356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 180, 186) }
```

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

```
.background{ background-color: rgb(154,  
180, 186) }
```

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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