

Converting Colors

XYZ(38.3853, 45.5262, 56.2873)

Have a look what the booklet for
XYZ(38.3853, 45.5262, 56.2873)
contains.

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Color

**XYZ(38.2024, 45.3035,
56.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	8CBCBF
RGB	140, 188, 191
RGB Percent	55%, 74%, 75%
CMY	0.4510, 0.2627, 0.2510
CMYK	0.27, 0.02, 0.00, 0.25
HSL	184°, 28%, 65%
HSV	184°, 27%, 75%
XYZ	38.2024, 45.3035, 56.0212
YIQ	173.9900, -29.5710, -9.2430

Conversions

Conversions Part 2

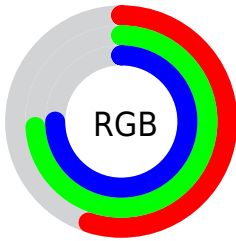
Format	Color
RYB	140, 165, 191
Decimal	9223359
CIELab	73.09, -15.02, -6.66
CIElCh	73, 16.427, 203.899
Yxy	45.3035, 0.2738, 0.3247
Android (android.graphics.Color)	4287413439 (0xFF8CBCBF)
YUV	173.9900, 8.3859, -29.8092
Hunter-Lab	67.3079, -16.4763, -2.2323

Details

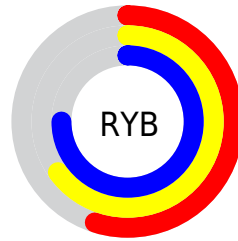
The XYZ color **38.2024, 45.3035, 56.0212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0424, 32.6149, 29.2075**, and the grayscale version is **40.1972, 42.2906, 46.0545**.

A 20% lighter version of the original color is **71.6449, 83.0189, 100.2438**, and **17.2759, 21.2376, 27.2335** is the 20% darker color. If you saturate the color by 10%, you get **35.0207, 43.3097, 55.8048**, and if you desaturate by 10%, it is **41.9473, 47.5926, 56.2664**.

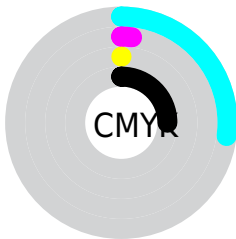
Distribution



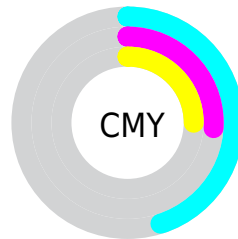
- Red (55%)
- Green (74%)
- Blue (75%)



- Red (55%)
- Yellow (65%)
- Blue (75%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2024, 45.3035, 56.0212 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 38.2024, 45.3035, 56.0212 by changing the saturation by 10% instead.

■ 38.2024, 45.3035,
56.0212

■ 38.2024, 45.3035,
56.0212

329.7533,
368.0014, 427.1619

■ 26.3177, 31.6965,
39.8158

■ 71.7202, 83.1757,
100.5217

■ 17.1954, 21.1298,
27.0823

■ 94.0840, 108.2097,
129.6538

■ 10.4701, 13.2189,
17.4020

■ 120.6715,
137.8215, 163.9320

■ 5.7764, 7.5795,
10.3566

151.8482,
172.3955, 203.7747

■ 2.7489, 3.8271,
5.5273

187.9794,
212.3161, 249.6006

■ 1.0224, 1.5773,
2.4958

229.4304,

■ 0.0000, 0.3422,

257.9676, 301.8280

0.8379

276.5666,
309.7346, 360.8756

■ 0.0000, 0.0000,
0.0000

■ 38.2024, 45.3035,
56.0212

■ 38.2024, 45.3035,
56.0212

■ 35.0207, 43.3097,
55.8048

■ 41.9473, 47.5926,
56.2664

■ 32.3692, 41.5910,
55.6128

■ 46.2782, 50.1855,
56.5386

■ 30.2180, 40.1328,
55.4447

■ 51.2214, 53.0968,
56.8400

■ 28.5322, 38.9174,
55.2990

■ 56.8005, 56.3387,
57.1717

■ 27.2725, 37.9244,
55.1737

■ 63.0380, 59.9229,
57.5348

■ 26.3934, 37.1302,
55.0668

■ 69.9551, 63.8601,
57.9302

■ 25.8336, 36.5035,
54.9753

■ 70.3530, 64.4394,
58.0210

■ 25.6799, 36.3133,
54.9467

■ 70.6070, 64.9473,
58.1057

■ 70.8628, 65.4590,
58.1910

Harmonies

Analogous

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



37.7953, 45.3035, 47.6648



38.2024, 45.3035, 56.0212



39.8850, 45.3035, 63.2518

Triad

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



38.2024, 45.3035, 56.0212



47.6806, 45.3035, 59.2527



43.6496, 45.3035, 35.2054

Complementary

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



38.2024, 45.3035, 56.0212



36.0424, 32.6149, 29.2075

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.



46.3984, 45.3035, 37.6137



38.2024, 45.3035, 56.0212



48.7914, 45.3035, 51.0290

Square

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



38.2024, 45.3035, 56.0212



45.3374, 45.3035, 65.2579



48.3120, 45.3035, 43.1900



40.8595, 45.3035, 36.2272

Rectangle

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



38.2024, 45.3035, 56.0212



41.5452, 45.3035, 66.1490



48.3120, 45.3035, 43.1900



44.6104, 45.3035, 35.6313

Sweetspot

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



38.2037, 45.3053, 56.0222



81.7113, 89.1848, 101.1869



34.3707, 44.8075, 32.6463



17.6733, 19.4235, 22.2029



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.



38.2037, 45.3053, 56.0222



64.9934, 79.0040, 100.1029



33.3084, 35.5146, 54.3904



9.7593, 10.7108, 12.2252



16.8972, 23.9060, 36.1167



0.6766, 0.9659, 1.4196

Inverse Universe

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



39.9421, 33.4644, 51.9332



68.6526, 54.3691, 91.4307



40.2322, 40.9944, 30.6041



9.9051, 9.6863, 11.8892



19.5297, 9.4430, 29.1465



0.7724, 0.3729, 1.1808

Previews

White Background



This preview shows how the XYZ color 38.2024, 45.3035, 56.0212 looks on a white background.

Color Contrast Check

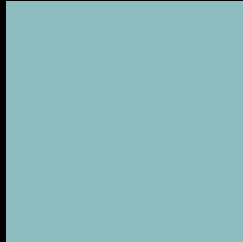
Large Text (above 18pt) WCAG AA × Fail

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 38.2024, 45.3035, 56.0212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

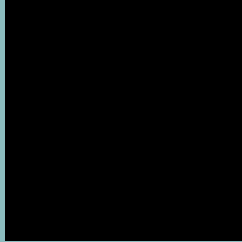
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2024, 45.3035, 56.0212

Background



This preview shows how black text looks on a background with the XYZ color 38.2024, 45.3035, 56.0212.



This preview shows how white text looks on a background with the XYZ color 38.2024, 45.3035,

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

38.2024, 45.3035, 56.0212

Protanopia

43.4997, 45.0469, 52.3012

Deuteranopia

45.8599, 44.9860, 57.3050



Tritanopia

39.2568, 45.0856, 61.8917

Trichromacy



Original Color

38.2024, 45.3035, 56.0212

Protanomaly

41.2146, 45.0431, 53.5356

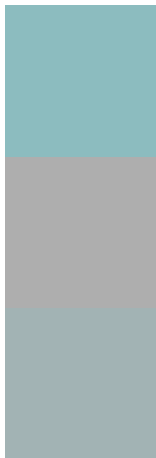
Deuteranomaly

42.5403, 44.7484, 56.8473

Tritanomaly

38.8329, 45.2346, 59.5078

Monochromacy



Original Color

38.2024, 45.3035, 56.0212

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.2586, 43.2169, 49.4526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2024, 45.3035, 56.0212 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(140, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 188, 191)  
}
```

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(140, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 188, 191) }
```

Border

The CSS property to change the border of an element to XYZ 38.2024, 45.3035, 56.0212 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(140, 188, 191) }
```


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

```
.border{ border-color:rgb(140, 188, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 188,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2024, 45.3035, 56.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 188, 191) }
```

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

```
.background{ background-color: rgb(140,  
188, 191) }
```

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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