

Converting Colors

XYZ(43.6798, 55.3123, 70.4310)

Have a look what the booklet for
XYZ(43.6798, 55.3123, 70.4310)
contains.

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Color

**XYZ(43.8323, 55.4358,
70.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	80D2D4
RGB	128, 210, 212
RGB Percent	50%, 82%, 83%
CMY	0.4980, 0.1765, 0.1686
CMYK	0.40, 0.01, 0.00, 0.17
HSL	181°, 49%, 67%
HSV	181°, 40%, 83%
XYZ	43.8323, 55.4358, 70.6773
YIQ	185.7100, -49.5140, -16.7620

Conversions

Conversions Part 2

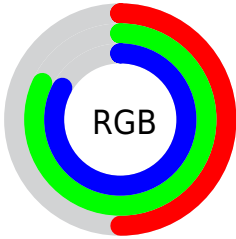
Format	Color
R _Y B	128, 169, 212
Decimal	8442580
CIE Lab	79.29, -24.44, -8.87
CIE LCh	79, 26.003, 199.952
Yxy	55.4358, 0.2579, 0.3262
Android (android.graphics.Color)	4286632660 (0xFF80D2D4)
YUV	185.7100, 12.9610, -50.6117
Hunter-Lab	74.4552, -25.2125, -4.1629

Details

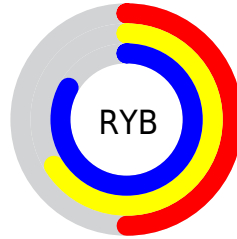
The XYZ color **43.8323, 55.4358, 70.6773** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.0311, 31.5215, 24.4504**, and the grayscale version is **46.4609, 48.8805, 53.2308**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **20.4796, 27.2547, 36.0796** is the 20% darker color. If you saturate the color by 10%, you get **40.8468, 53.7135, 70.5032**, and if you desaturate by 10%, it is **47.4876, 57.5066, 70.8853**.

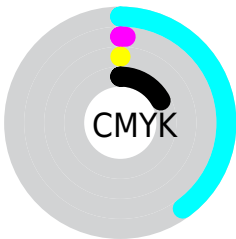
Distribution



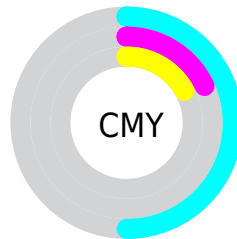
- Red (50%)
- Green (82%)
- Blue (83%)



- Red (50%)
- Yellow (66%)
- Blue (83%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)





- Cyan (50%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8323, 55.4358, 70.6773 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 43.8323, 55.4358, 70.6773 by changing the saturation by 10% instead.


 43.8323, 55.4358,
70.6773


 43.8323, 55.4358,
70.6773


352.8873,
407.5618, 481.7778


 30.7360, 39.7507,
51.5987


 80.2132, 98.1792,
121.8643

 20.5488, 27.3443,
36.3053


 104.2286,
126.0063, 154.8097

 12.9051, 17.8319,
24.3785


 132.6145,
158.6495, 193.2145

 7.4398, 10.8294,
15.3998

165.7360,
196.4933, 237.4972

 3.7874, 5.9522,
8.9507

203.9588,
239.9221, 288.0764

 1.5826, 2.8161,
4.6127

247.6480,

 0.3810, 1.0365,

289.3201, 345.3705

1.9671

297.1690,
345.0719, 409.7981

■ 0.0000, 0.0000,
0.5350

■ 0.0000, 0.0000,
0.0000

■ 43.8323, 55.4358,
70.6773

■ 43.8323, 55.4358,
70.6773

■ 40.8468, 53.7135,
70.5032

■ 47.4876, 57.5066,
70.8853

■ 38.4844, 52.3118,
70.3571

■ 51.8461, 59.9392,
71.1251

■ 36.7003, 51.2086,
70.2382

■ 56.9447, 62.7538,
71.3997

■ 35.4413, 50.3768,
70.1440

■ 62.8162, 65.9676,
71.7105

■ 34.6447, 49.7840,
70.0716

■ 69.4918, 69.5964,
72.0591

■ 34.2015, 49.3739,
70.0158

■ 76.9254, 73.6166,
72.4433

■ 34.1868, 49.3594,
70.0138

■ 77.0524, 73.8707,
72.4857

■ 77.1799, 74.1256,
72.5281

■ 77.3077, 74.3813,
72.5707

Harmonies

Analogous

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



43.4380, 55.4358, 55.4966



43.8323, 55.4358, 70.6773



46.5099, 55.4358, 85.0644

Triad

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



43.8323, 55.4358, 70.6773



60.7277, 55.4358, 80.7421



54.4554, 55.4358, 36.3097

Complementary

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



43.8323, 55.4358, 70.6773



39.0311, 31.5215, 24.4504

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.



59.3947, 55.4358, 40.9719



43.8323, 55.4358, 70.6773



63.1706, 55.4358, 65.4999

Square

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



43.8323, 55.4358, 70.6773



56.1791, 55.4358, 91.5059



62.6673, 55.4358, 51.0993



49.3486, 55.4358, 37.2299

Rectangle

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



43.8323, 55.4358, 70.6773



49.3335, 55.4358, 91.4842



62.6673, 55.4358, 51.0993



56.1956, 55.4358, 37.2418

Sweetspot

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



43.8339, 55.4380, 70.6786



84.4429, 94.1878, 108.3372



36.4358, 53.2729, 29.2721



17.8495, 20.0362, 23.1766



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.8339, 55.4380, 70.6786



62.4981, 81.8507, 107.1125



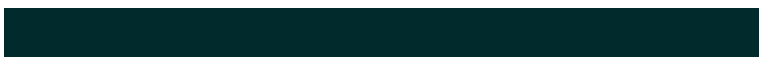
34.9006, 37.5713, 67.7008



12.7657, 14.0548, 15.9775



21.1160, 30.4938, 43.2261



1.2818, 1.8556, 2.6099

Inverse Universe

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



46.5047, 34.0898, 65.1041



67.1576, 44.9596, 97.3078



45.6873, 44.8340, 26.6691



12.9397, 12.6274, 15.6226



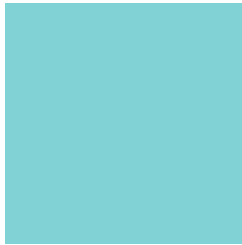
23.7173, 11.4232, 37.4107



1.4347, 0.6906, 2.2782

Previews

White Background



This preview shows how the XYZ color 43.8323, 55.4358, 70.6773 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 43.8323, 55.4358, 70.6773 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

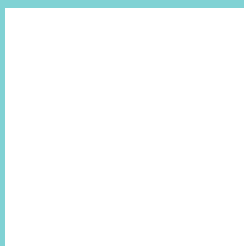
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8323, 55.4358, 70.6773

Background



This preview shows how black text looks on a background with the XYZ color 43.8323, 55.4358, 70.6773.

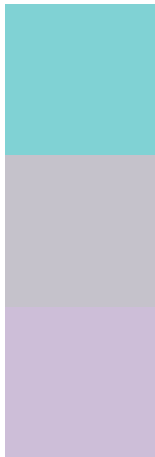


This preview shows how white text looks on a background with the XYZ color 43.8323, 55.4358,

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

43.8323, 55.4358, 70.6773

Protanopia

53.0972, 54.7657, 64.2722

Deuteranopia

55.9850, 54.7639, 72.5855



Tritanopia

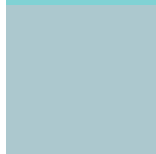
45.6622, 55.4535, 79.5311

Trichromacy



Original Color

43.8323, 55.4358, 70.6773



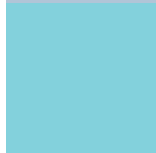
Protanomaly

48.8081, 54.5354, 66.3464



Deuteranomaly

50.3635, 54.1859, 72.0945



Tritanomaly

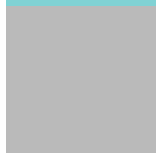
45.0788, 55.5935, 76.0649

Monochromacy



Original Color

43.8323, 55.4358, 70.6773



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.8825, 50.9697, 59.1023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8323, 55.4358, 70.6773 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(128, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(128, 210, 212)  
}
```

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(128, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 43.8323, 55.4358, 70.6773 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(128, 210, 212) }
```


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

```
.border{ border-color:rgb(128, 210, 212) }
```

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

Here you see how a box with a 4 pixel rgb(128, 210, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(128, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8323, 55.4358, 70.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 210, 212) }
```

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

```
.background{ background-color: rgb(128,  
210, 212) }
```

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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