

Converting Colors

XYZ(55.4669, 67.8646, 73.5110)

Have a look what the booklet for
XYZ(55.4669, 67.8646, 73.5110)
contains.

XYZ(55.5430, 68.0087, 73.8179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.5430, 68.0087,
73.8179)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E3D6
RGB	167, 227, 214
RGB Percent	65%, 89%, 84%
CMY	0.3451, 0.1098, 0.1608
CMYK	0.26, 0.00, 0.06, 0.11
HSL	167°, 52%, 77%
HSV	167°, 26%, 89%
XYZ	55.5430, 68.0087, 73.8179
YIQ	207.5780, -31.5870, -16.7630

Conversions

Conversions Part 2

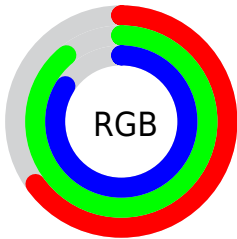
Format	Color
RYB	167, 201, 227
Decimal	11002838
CIELab	86.01, -21.68, 0.18
CIElCh	86, 21.679, 179.514
Yxy	68.0087, 0.2814, 0.3446
Android (android.graphics.Color)	4289192918 (0xFFA7E3D6)
YUV	207.5780, 3.1660, -35.5869
Hunter-Lab	82.4674, -24.0955, 4.6557

Details

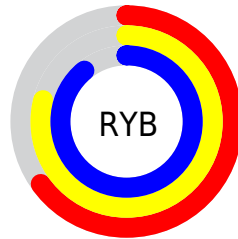
The XYZ color **55.5430, 68.0087, 73.8179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7378, 47.2654, 49.4735**, and the grayscale version is **59.6774, 62.7853, 68.3732**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **27.6310, 35.1397, 38.1272** is the 20% darker color. If you saturate the color by 10%, you get **50.5435, 65.5047, 70.3548**, and if you desaturate by 10%, it is **61.4071, 70.9598, 77.4234**.

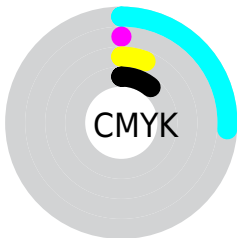
Distribution



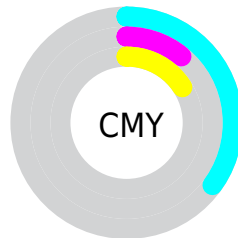
- Red (65%)
- Green (89%)
- Blue (84%)



- Red (65%)
- Yellow (79%)
- Blue (89%)



- Cyan (26%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)





- Cyan (35%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5430, 68.0087, 73.8179 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 55.5430, 68.0087, 73.8179 by changing the saturation by 10% instead.


 55.5430, 68.0087,
73.8179


 55.5430, 68.0087,
73.8179


398.0700,
453.5268, 492.9912

 40.0722, 49.9048,
54.1491

 97.4798, 116.3646,
126.3693

 27.7793, 35.3378,
38.3269


 124.6764,
147.3854, 160.0890

 18.2990, 23.9232,
25.9327

156.5125,
183.4806, 199.3294

 11.2658, 15.2766,
16.5480

193.3532,
225.0346, 244.5091

 6.3145, 9.0138,
9.7542

235.5639,
272.4319, 296.0466

 3.0797, 4.7502,
5.1328

283.5101,

 1.1961, 2.1014,

326.0567, 354.3604

2.2653

337.5570,
386.2936, 419.8691

■ 0.1033, 0.6654,
0.7117

■ 0.0000, 0.0000,
0.0000

■ 55.5430, 68.0087,
73.8179

■ 55.5430, 68.0087,
73.8179

■ 50.5435, 65.5047,
70.3548

■ 61.4071, 70.9598,
77.4234

■ 46.3587, 63.4166,
67.0266


■ 68.1709, 74.3708,
81.1695


■ 42.9422, 61.7225,
63.8317


■ 75.8748, 78.2641,
85.0603


■ 40.2408, 60.3950,
60.7667


■ 83.5155, 82.1227,
89.0498


 38.1943, 59.4029,
57.8278


 84.2310, 82.4089,
92.8176

 36.7321, 58.7099,
55.0110

 84.9663, 82.7030,
96.6894

 35.7658, 58.2705,
52.3111

 85.7215, 83.0051,
100.6663

 35.4873, 58.1474,
51.3734

 86.4967, 83.3152,
104.7488

 86.7603, 83.4206,
106.1368

Harmonies

Analogous

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



56.7460, 68.0087, 61.0086



55.5430, 68.0087, 73.8179



56.6716, 68.0087, 88.3753

Triad

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



55.5430, 68.0087, 73.8179



69.4658, 68.0087, 100.5267



69.6132, 68.0087, 52.8706

Complementary

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



55.5430, 68.0087, 73.8179



53.7378, 47.2654, 49.4735

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.



73.3228, 68.0087, 61.3628



55.5430, 68.0087, 73.8179



73.2347, 68.0087, 88.8287

Square

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



55.5430, 68.0087, 73.8179



64.5592, 68.0087, 104.9451



74.6802, 68.0087, 74.2824



64.7214, 68.0087, 49.9046

Rectangle

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



55.5430, 68.0087, 73.8179



58.6291, 68.0087, 96.8896



74.6802, 68.0087, 74.2824



71.0488, 68.0087, 55.1151

Sweetspot

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



55.5449, 68.0115, 73.8194



87.2353, 96.0527, 104.8616



53.5023, 67.5548, 46.7798



18.3764, 20.4101, 22.2851



0.0000, 0.0000, 0.0000



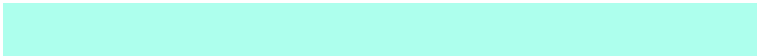
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5449, 68.0115, 73.8194



68.4146, 86.5829, 93.4700



53.0978, 60.3525, 81.5269



14.6667, 16.2801, 17.7756



20.7403, 33.9282, 30.1963



1.5659, 2.5205, 2.4068

Inverse Universe

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



53.7378, 47.2654, 49.4735



65.6735, 55.0660, 56.5057



55.5893, 52.9899, 43.8585



14.5042, 14.4189, 15.5895



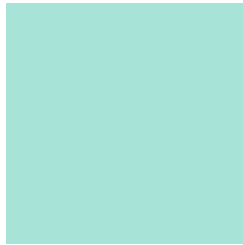
18.8360, 9.6686, 2.7654



1.4259, 0.7281, 0.3836

Previews

White Background



This preview shows how the XYZ color 55.5430, 68.0087, 73.8179 looks on a white background.

Color Contrast Check

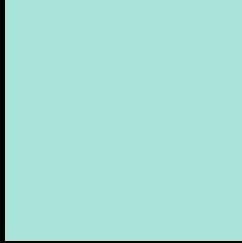
Large Text (above 18pt) WCAG AA × Fail

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 55.5430, 68.0087, 73.8179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

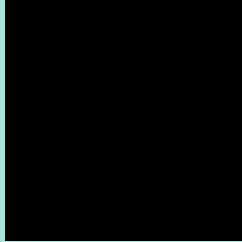
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

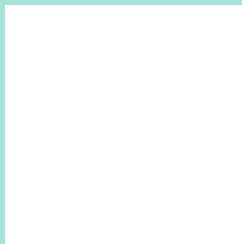
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5430, 68.0087, 73.8179

Background



This preview shows how black text looks on a background with the XYZ color 55.5430, 68.0087, 73.8179.

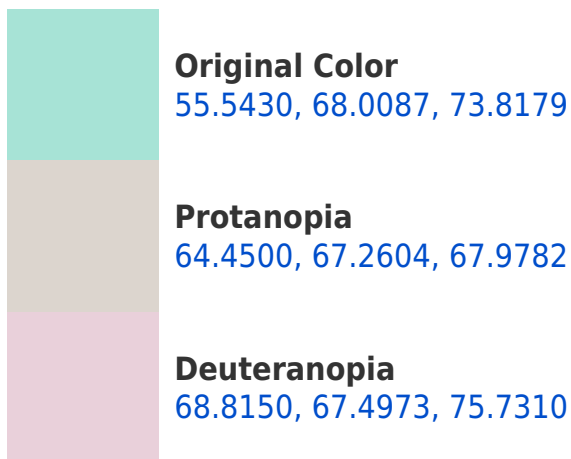


This preview shows how white text looks on a background with the XYZ color 55.5430, 68.0087,

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





Tritanopia

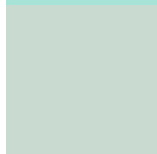
59.4984, 68.0105, 93.2105

Trichromacy



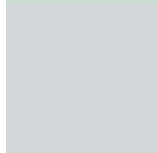
Original Color

55.5430, 68.0087, 73.8179



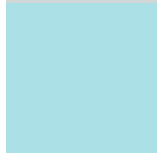
Protanomaly

60.6674, 67.1638, 70.0880



Deuteranomaly

63.1193, 67.1659, 75.2832



Tritanomaly

57.8740, 67.7388, 85.6259

Monochromacy



Original Color

55.5430, 68.0087, 73.8179



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.9256, 64.5915, 70.3872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5430, 68.0087, 73.8179 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(167, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(167, 227, 214)  
}
```

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(167, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 55.5430, 68.0087, 73.8179 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(167, 227, 214) }
```


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

```
.border{ border-color:rgb(167, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(167, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5430, 68.0087, 73.8179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 227, 214) }
```

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

```
.background{ background-color: rgb(167,  
227, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor