

Converting Colors

XYZ(55.4382, 70.0438, 72.8852)

Have a look what the booklet for
XYZ(55.4382, 70.0438, 72.8852)
contains.

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Color

**XYZ(55.4382, 70.0438,
72.8852)**

Conversions

Conversions Part 1

Format	Color
Hex	A1E8D4
RGB	161, 232, 212
RGB Percent	63%, 91%, 83%
CMY	0.3686, 0.0902, 0.1686
CMYK	0.31, 0.00, 0.09, 0.09
HSL	163°, 61%, 77%
HSV	163°, 31%, 91%
XYZ	55.4382, 70.0438, 72.8852
YIQ	208.4910, -35.8960, -21.2720

Conversions

Conversions Part 2

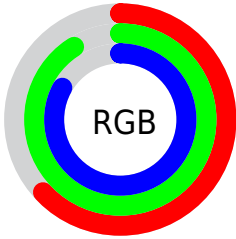
Format	Color
RYB	161, 202, 232
Decimal	10610900
CIELab	87.02, -26.28, 2.66
CIELCh	87, 26.419, 174.212
Yxy	70.0438, 0.2795, 0.3531
Android (android.graphics.Color)	4288800980 (0xFFA1E8D4)
YUV	208.4910, 1.7299, -41.6496
Hunter-Lab	83.6922, -28.2218, 6.9505

Details

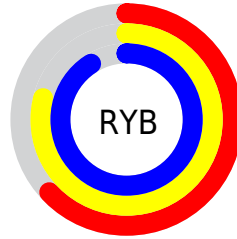
The XYZ color **55.4382, 70.0438, 72.8852** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.3665, 45.9835, 49.7292**, and the grayscale version is **60.2803, 63.4196, 69.0639**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **27.6745, 36.6108, 37.5063** is the 20% darker color. If you saturate the color by 10%, you get **50.3821, 67.5325, 68.4323**, and if you desaturate by 10%, it is **61.3991, 73.0214, 77.5577**.

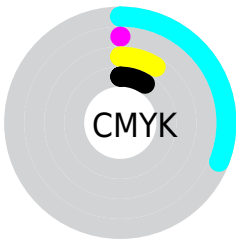
Distribution



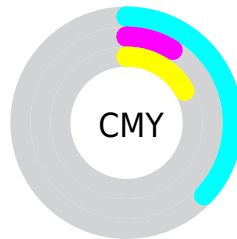
- Red (63%)
- Green (91%)
- Blue (83%)



- Red (63%)
- Yellow (79%)
- Blue (91%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)





- Cyan (37%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4382, 70.0438, 72.8852 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 55.4382, 70.0438, 72.8852 by changing the saturation by 10% instead.


 55.4382, 70.0438,
72.8852


 55.4382, 70.0438,
72.8852


397.6803,
460.7038, 489.6769

 39.9879, 51.5622,
53.3908


 97.3273, 119.2712,
125.0336

 27.7133, 36.6563,
37.7250


 124.4968,
150.7859, 158.5248

 18.2490, 24.9415,
25.4692


156.3033,
187.4137, 197.5186

 11.2297, 16.0334,
16.2047


193.1124,
229.5390, 242.4337

 6.2900, 9.5478,
9.5132

235.2893,
277.5463, 293.6885

 3.0645, 5.1002,
4.9761

283.1993,

 1.1880, 2.3062,

331.8199, 351.7016

2.1747

337.2079,
392.7443, 416.8916

■ 0.0968, 0.7770,
0.6597

■ 0.0000, 0.0000,
0.0000

■ 55.4382, 70.0438,
72.8852

■ 55.4382, 70.0438,
72.8852

■ 50.3821, 67.5325,
68.4323

■ 61.3991, 73.0214,
77.5577

■ 46.1764, 65.4539,
64.1900

■ 68.3035, 76.4796,
82.4490

■ 42.7700, 63.7836,
60.1553

■ 76.1952, 80.4429,
87.5648

■ 40.1036, 62.4911,
56.3232

■ 85.1134, 84.9313,
92.9089

■ 38.1093, 61.5414,
52.6884

■ 86.5308, 85.5490,
98.0839

■ 36.7064, 60.8929,
49.2451

■ 87.5449, 85.9546,
103.4240

■ 35.8000, 60.4927,
46.1761

■ 88.1479, 86.1958,
106.5993

Harmonies

Analogous

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



57.3930, 70.0438, 58.0455



55.4382, 70.0438, 72.8852



56.3144, 70.0438, 91.0916

Triad

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



55.4382, 70.0438, 72.8852



71.5678, 70.0438, 111.7047



73.7680, 70.0438, 51.8565

Complementary

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



55.4382, 70.0438, 72.8852



54.3665, 45.9835, 49.7292

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.



78.0108, 70.0438, 63.1428



55.4382, 70.0438, 72.8852



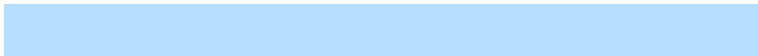
76.6865, 70.0438, 97.9482

Square

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



55.4382, 70.0438, 72.8852



65.3834, 70.0438, 115.3817



79.1105, 70.0438, 79.7493



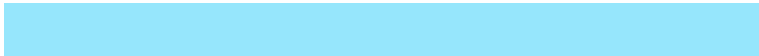
67.7800, 70.0438, 47.1708

Rectangle

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



55.4382, 70.0438, 72.8852



58.4154, 70.0438, 102.5433



79.1105, 70.0438, 79.7493



75.4601, 70.0438, 54.9111

Sweetspot

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



55.4402, 70.0467, 72.8868



86.0813, 95.4947, 103.1377



54.3752, 70.1273, 44.3893



18.1351, 20.2944, 21.8809



0.0000, 0.0000, 0.0000



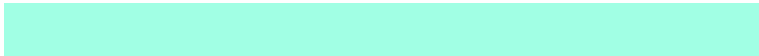
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4402, 70.0467, 72.8868



64.4494, 84.6855, 86.6536



53.9798, 62.8342, 85.6305



14.6252, 16.2635, 17.5570



19.9304, 33.6042, 25.9313



1.5120, 2.4989, 2.1228

Inverse Universe

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



54.3665, 45.9835, 49.7292



62.9181, 50.2253, 53.5215



55.3146, 50.9322, 40.6348



14.5431, 14.4344, 15.7941



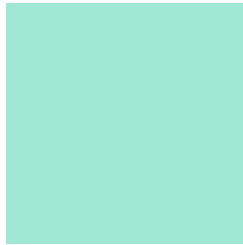
19.0570, 9.7570, 3.9291



1.4470, 0.7365, 0.4946

Previews

White Background



This preview shows how the XYZ color 55.4382, 70.0438, 72.8852 looks on a white background.

Color Contrast Check

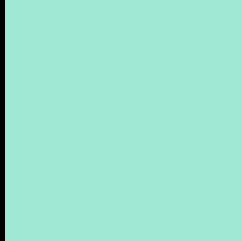
Large Text (above 18pt) WCAG AA × Fail

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 55.4382, 70.0438, 72.8852 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

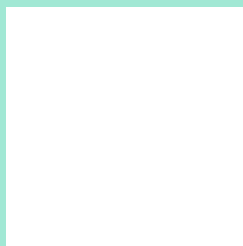
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4382, 70.0438, 72.8852

Background



This preview shows how black text looks on a background with the XYZ color 55.4382, 70.0438, 72.8852.

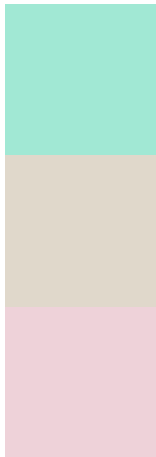


This preview shows how white text looks on a background with the XYZ color 55.4382, 70.0438,

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

55.4382, 70.0438, 72.8852

Protanopia

66.0758, 69.2708, 66.3879

Deuteranopia

70.8309, 69.2801, 75.2848



Tritanopia

60.0990, 69.8556, 96.7021

Trichromacy



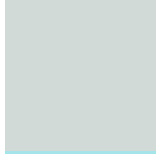
Original Color

55.4382, 70.0438, 72.8852



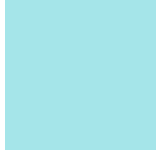
Protanomaly

61.3492, 69.1163, 68.4998



Deuteranomaly

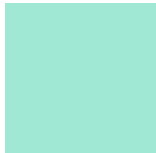
63.9155, 68.7507, 74.1915



Tritanomaly

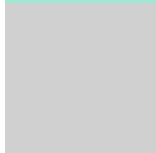
58.2443, 69.9211, 87.5171

Monochromacy



Original Color

55.4382, 70.0438, 72.8852



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.8073, 65.3055, 69.8801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4382, 70.0438, 72.8852 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(161, 232, 212)` looks like.

```
.text, #text, p{  
    color:rgb(161, 232, 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(161, 232, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 232, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.4382, 70.0438, 72.8852 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(161, 232, 212) }
```


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

```
.border{ border-color:rgb(161, 232, 212) }
```

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

Here you see how a box with a 4 pixel rgb(161, 232, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 232, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 232, 212);  
box-shadow:4px 4px 4px 4px rgb(161, 232,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4382, 70.0438, 72.8852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 232, 212) }
```

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

```
.background{ background-color: rgb(161,  
232, 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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