

Converting Colors

XYZ(55.4839, 70.1182, 71.5383)

Have a look what the booklet for
XYZ(55.4839, 70.1182, 71.5383)
contains.

XYZ(55.3898, 70.0478, 71.5740)	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(55.3898, 70.0478,
71.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E8D2
RGB	162, 232, 210
RGB Percent	64%, 91%, 82%
CMY	0.3647, 0.0902, 0.1765
CMYK	0.30, 0.00, 0.09, 0.09
HSL	161°, 60%, 77%
HSV	161°, 30%, 91%
XYZ	55.3898, 70.0478, 71.5740
YIQ	208.5620, -34.6580, -21.6820

Conversions

Conversions Part 2

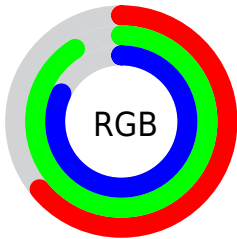
Format	Color
RYB	162, 204, 232
Decimal	10676434
CIELab	87.02, -26.41, 3.72
CIELCh	87, 26.676, 171.977
Yxy	70.0478, 0.2811, 0.3556
Android (android.graphics.Color)	4288866514 (0xFFA2E8D2)
YUV	208.5620, 0.7089, -40.8349
Hunter-Lab	83.6946, -28.3326, 7.8825

Details

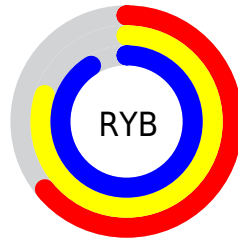
The XYZ color **55.3898, 70.0478, 71.5740** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.8532, 46.4590, 51.4267**, and the grayscale version is **60.3324, 63.4744, 69.1236**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **27.7104, 36.6391, 37.0641** is the 20% darker color. If you saturate the color by 10%, you get **50.2172, 67.4857, 66.6979**, and if you desaturate by 10%, it is **61.4772, 73.0804, 76.7121**.

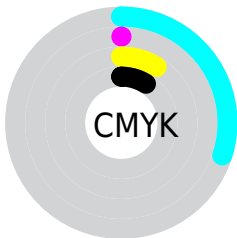
Distribution



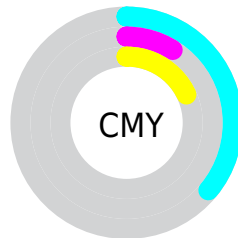
- Red (64%)
- Green (91%)
- Blue (82%)



- Red (64%)
- Yellow (80%)
- Blue (91%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)





- Cyan (36%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3898, 70.0478, 71.5740 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 55.3898, 70.0478, 71.5740 by changing the saturation by 10% instead.


 55.3898, 70.0478,
71.5740


 55.3898, 70.0478,
71.5740

397.5002,
460.7178, 484.9951

 39.9490, 51.5655,
52.3260


 97.2568, 119.2769,
123.1528

 27.6828, 36.6589,
36.8810


 124.4138,
150.7925, 156.3206

 18.2259, 24.9435,
24.8203

156.2067,
187.4214, 194.9656

 11.2130, 16.0349,
15.7254

193.0012,
229.5478, 239.5061

 6.2786, 9.5489,
9.1778

235.1624,
277.5563, 290.3608

 3.0575, 5.1009,
4.7590


283.0557,

 1.1842, 2.3066,


331.8312, 347.9482


2.0503


337.0466,
392.7569, 412.6868


 0.0939, 0.7772,
0.5859


 0.0000, 0.0000,
0.0000


 55.3898, 70.0478,
71.5740


 55.3898, 70.0478,
71.5740


 50.2172, 67.4857,
66.6979


 61.4772, 73.0804,
76.7121


 45.9051, 65.3606,
62.0738

 68.5181, 76.5979,
82.1122

 42.4023, 63.6480,
57.6980

 76.5564, 80.6247,
87.7807

 39.6497, 62.3177,
53.5648

 85.6312, 85.1808,
93.7221

■ 37.5798, 61.3347,
49.6680

■ 86.8036, 85.6581,
99.5206

■ 36.1124, 60.6579,
46.0006

■ 87.9481, 86.1159,
105.5474

■ 35.1230, 60.2218,
42.6109

■ 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.



57.5664, 70.0478, 57.0009



55.3898, 70.0478, 71.5740



56.0599, 70.0478, 89.8666

Triad

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



55.3898, 70.0478, 71.5740



71.1704, 70.0478, 112.7805



74.2461, 70.0478, 52.2762

Complementary

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



55.3898, 70.0478, 71.5740



54.8532, 46.4590, 51.4267

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.



78.3365, 70.0478, 64.1193



55.3898, 70.0478, 71.5740



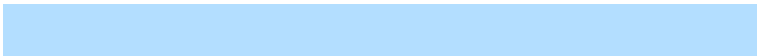
76.4849, 70.0478, 99.4556

Square

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



55.3898, 70.0478, 71.5740



64.9177, 70.0478, 115.6084



79.1804, 70.0478, 81.1673



68.2670, 70.0478, 47.0525

Rectangle

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



55.3898, 70.0478, 71.5740



58.0508, 70.0478, 101.6396



79.1804, 70.0478, 81.1673



75.9026, 70.0478, 55.5180

Sweetspot

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



55.3918, 70.0507, 71.5756



85.9651, 95.4482, 102.5258



55.1876, 70.5358, 44.8897



18.1063, 20.2829, 21.7297



0.0000, 0.0000, 0.0000



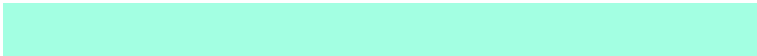
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3918, 70.0507, 71.5756



64.6527, 84.8267, 85.0220



54.8430, 64.2603, 85.8603



14.6045, 16.2552, 17.4481



19.5574, 33.4551, 23.9675



1.4868, 2.4888, 1.9898

Inverse Universe

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



54.8532, 46.4590, 51.4267



63.8932, 51.3336, 56.4415



55.1001, 50.3615, 41.0002



14.5627, 14.4423, 15.8974



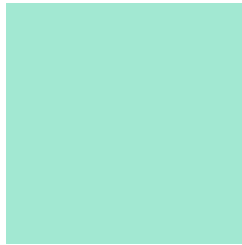
19.1914, 9.8108, 4.6371



1.4590, 0.7413, 0.5576

Previews

White Background



This preview shows how the XYZ color 55.3898, 70.0478, 71.5740 looks on a white background.

Color Contrast Check

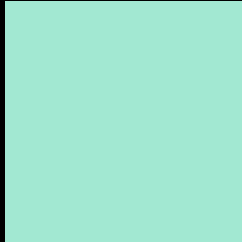
Large Text (above 18pt) WCAG AA × Fail

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 55.3898, 70.0478, 71.5740 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

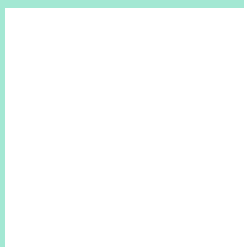
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3898, 70.0478, 71.5740

Background



This preview shows how black text looks on a background with the XYZ color 55.3898, 70.0478, 71.5740.



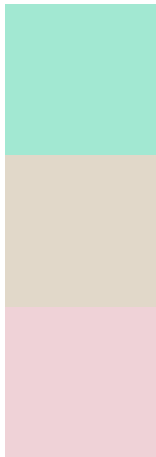
This preview shows how white text looks on a background with the XYZ color 55.3898, 70.0478,

71.5740.

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

55.3898, 70.0478, 71.5740

Protanopia

66.1498, 69.3363, 65.1551

Deuteranopia

70.9089, 69.3502, 73.9386



Tritanopia

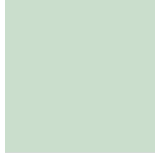
60.5281, 70.0768, 96.7222

Trichromacy



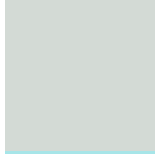
Original Color

55.3898, 70.0478, 71.5740



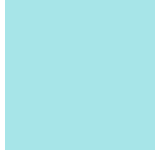
Protanomaly

61.3775, 69.1587, 67.2408



Deuteranomaly

63.9456, 68.7958, 72.8594



Tritanomaly

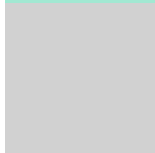
58.5211, 70.0803, 86.7864

Monochromacy



Original Color

55.3898, 70.0478, 71.5740



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.0597, 65.4356, 69.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3898, 70.0478, 71.5740 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(162, 232, 210)` looks like.

```
.text, #text, p{  
    color:rgb(162, 232, 210)  
}
```

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(162, 232, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 232, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.3898, 70.0478, 71.5740 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(162, 232, 210) }
```


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

```
.border{ border-color:rgb(162, 232, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 232, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 232, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 232, 210);  
box-shadow:4px 4px 4px 4px rgb(162, 232,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3898, 70.0478, 71.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 232, 210) }
```

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

```
.background{ background-color: rgb(162,  
232, 210) }
```

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