

Converting Colors

XYZ(54.7048, 69.2400, 70.0242)

Have a look what the booklet for
XYZ(54.7048, 69.2400, 70.0242)
contains.

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Color

**XYZ(54.8614, 69.3873,
70.1761)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E7D0
RGB	162, 231, 208
RGB Percent	64%, 91%, 82%
CMY	0.3647, 0.0941, 0.1843
CMYK	0.30, 0.00, 0.10, 0.09
HSL	160°, 59%, 77%
HSV	160°, 30%, 91%
XYZ	54.8614, 69.3873, 70.1761
YIQ	207.7470, -33.7410, -21.7810

Conversions

Conversions Part 2

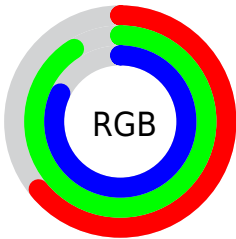
Format	Color
RYB	162, 203, 231
Decimal	10676176
CIELab	86.70, -26.35, 4.30
CIELCh	87, 26.696, 170.725
Yxy	69.3873, 0.2822, 0.3569
Android (android.graphics.Color)	4288866256 (0xFFA2E7D0)
YUV	207.7470, 0.1247, -40.1201
Hunter-Lab	83.2990, -28.2118, 8.3599

Details

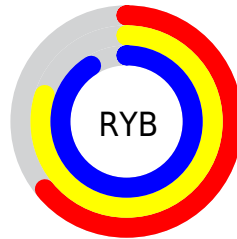
The XYZ color **54.8614, 69.3873, 70.1761** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.6347, 46.3342, 51.9657**, and the grayscale version is **59.8068, 62.9214, 68.5215**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **27.3470, 36.1812, 36.1142** is the 20% darker color. If you saturate the color by 10%, you get **49.6688, 66.8191, 65.1077**, and if you desaturate by 10%, it is **60.9658, 72.4239, 75.5303**.

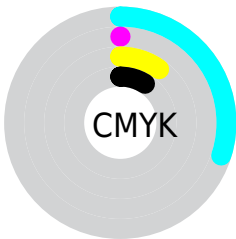
Distribution



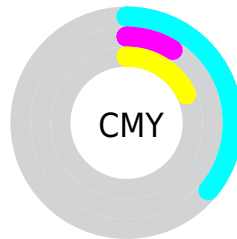
- Red (64%)
- Green (91%)
- Blue (82%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8614, 69.3873, 70.1761 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 54.8614, 69.3873, 70.1761 by changing the saturation by 10% instead.


 54.8614, 69.3873,
70.1761


 54.8614, 69.3873,
70.1761


395.5313,
458.3958, 479.9739

 39.5242, 51.0272,
51.1924


 96.4874, 118.3346,
121.1433

 27.3503, 36.2302,
35.9840


 123.5068,
149.6906, 153.9639

 17.9744, 24.6121,
24.1322


155.1510,
186.1473, 192.2340

 11.0312, 15.7883,
15.2186

191.7854,
228.0891, 236.3719

 6.1553, 9.3745,
8.8246

233.7752,
275.9005, 286.7963

 2.9813, 4.9862,
4.5317

281.4859,

 1.1439, 2.2392,

329.9658, 343.9258

1.9214

335.2828,
390.6694, 408.1788

■ 0.0613, 0.7412,
0.5063

■ 0.0000, 0.0000,
0.0000

■ 54.8614, 69.3873,
70.1761

■ 54.8614, 69.3873,
70.1761

■ 49.6688, 66.8191,
65.1077

■ 60.9658, 72.4239,
75.5303

■ 45.3344, 64.6862,
60.3148

■ 68.0206, 75.9432,
81.1710

■ 41.8075, 62.9645,
55.7931

■ 76.0689, 79.9693,
87.1049

■ 39.0299, 61.6239,
51.5362

■ 85.1495, 84.5220,
93.3370

■ 36.9348, 60.6302,
47.5376

■ 86.5295, 85.0993,
99.4617

■ 35.4433, 59.9427,
43.7898

■ 87.7397, 85.5834,
105.8345

■ 34.4216, 59.4926,
40.2827

■ 87.8672, 85.6343,
106.5057

■ 34.4096, 59.4873,
40.2388

Harmonies

Analogous

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



57.1382, 69.3873, 55.9172



54.8614, 69.3873, 70.1761



55.4082, 69.3873, 88.3010

Triad

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



54.8614, 69.3873, 70.1761



70.2639, 69.3873, 112.2313



73.7961, 69.3873, 52.0646

Complementary

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



54.8614, 69.3873, 70.1761



54.6347, 46.3342, 51.9657

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.



77.7519, 69.3873, 64.0915



54.8614, 69.3873, 70.1761



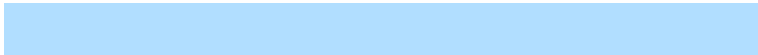
75.6254, 69.3873, 99.3142

Square

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



54.8614, 69.3873, 70.1761



64.0461, 69.3873, 114.5444



78.4415, 69.3873, 81.1935



67.8924, 69.3873, 46.5945

Rectangle

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



54.8614, 69.3873, 70.1761



57.3148, 69.3873, 100.1115



78.4415, 69.3873, 81.1935



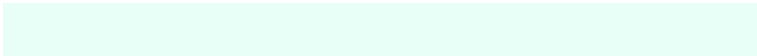
75.4129, 69.3873, 55.3768

Sweetspot

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



54.8633, 69.3901, 70.1777



85.8974, 95.4212, 102.1694



55.3859, 70.2214, 44.8185



18.0896, 20.2762, 21.6416



0.0000, 0.0000, 0.0000



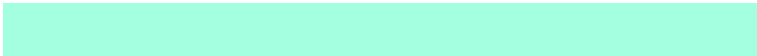
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8633, 69.3901, 70.1777



64.4137, 84.7311, 83.7636



55.0905, 64.9819, 85.2438



14.5925, 16.2504, 17.3847



19.3495, 33.3719, 22.8727



1.4725, 2.4831, 1.9149

Inverse Universe

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



54.6347, 46.3342, 51.9657



64.0882, 51.4117, 57.4685



54.2980, 49.2379, 40.8256



14.5742, 14.4469, 15.9580



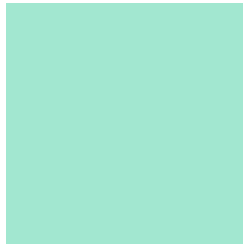
19.2776, 9.8453, 5.0910



1.4664, 0.7443, 0.5967

Previews

White Background



This preview shows how the XYZ color 54.8614, 69.3873, 70.1761 looks on a white background.

Color Contrast Check

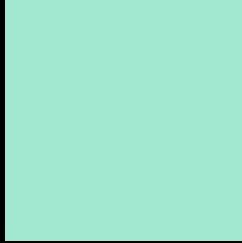
Large Text (above 18pt) WCAG AA × Fail

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 54.8614, 69.3873, 70.1761 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

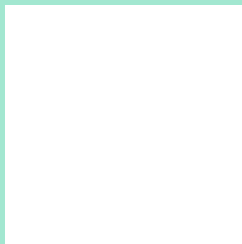
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8614, 69.3873, 70.1761

Background



This preview shows how black text looks on a background with the XYZ color 54.8614, 69.3873, 70.1761.



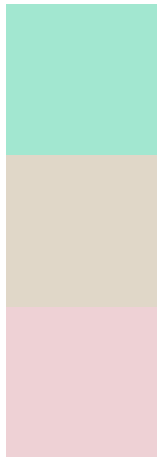
This preview shows how white text looks on a background with the XYZ color 54.8614, 69.3873,

70.1761.

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

54.8614, 69.3873, 70.1761

Protanopia

65.4662, 68.6183, 64.4378

Deuteranopia

70.0706, 68.5822, 72.4954



Tritanopia

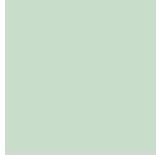
60.1031, 69.4704, 95.8293

Trichromacy



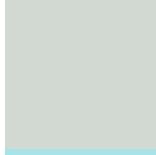
Original Color

54.8614, 69.3873, 70.1761



Protanomaly

60.7233, 68.4422, 66.5101



Deuteranomaly

63.1491, 68.0305, 71.4309



Tritanomaly

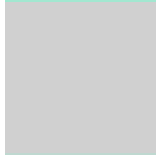
58.1036, 69.4718, 85.9483

Monochromacy



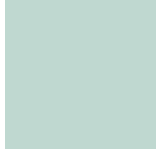
Original Color

54.8614, 69.3873, 70.1761



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.4269, 64.7422, 69.1443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8614, 69.3873, 70.1761 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, 231, 208)` looks like.

```
.text, #text, p{  
    color:rgb(162, 231, 208)  
}
```

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, 231, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 231, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.8614, 69.3873, 70.1761 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, 231, 208) }
```


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

```
.border{ border-color:rgb(162, 231, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 231, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 231, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 231, 208);  
box-shadow:4px 4px 4px 4px rgb(162, 231,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8614, 69.3873, 70.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 231, 208) }
```

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

```
.background{ background-color: rgb(162,  
231, 208) }
```

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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