

Converting Colors

XYZ(54.8558, 71.2643, 61.8858)

Have a look what the booklet for
XYZ(54.8558, 71.2643, 61.8858)
contains.

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Color

**XYZ(54.7558, 71.2042,
61.8968)**

Conversions

Conversions Part 1

Format	Color
Hex	A4EBC2
RGB	164, 235, 194
RGB Percent	64%, 92%, 76%
CMY	0.3569, 0.0784, 0.2392
CMYK	0.30, 0.00, 0.17, 0.08
HSL	145°, 64%, 78%
HSV	145°, 30%, 92%
XYZ	54.7558, 71.2042, 61.8968
YIQ	209.0970, -29.1550, -27.8030

Conversions

Conversions Part 2

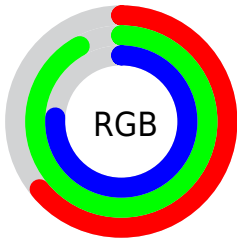
Format	Color
RYB	164, 214, 235
Decimal	10808258
CIELab	87.58, -30.44, 12.91
CIELCh	88, 33.070, 157.013
Yxy	71.2042, 0.2915, 0.3790
Android (android.graphics.Color)	4288998338 (0xFFA4EBC2)
YUV	209.0970, -7.4428, -39.5501
Hunter-Lab	84.3826, -31.8410, 15.5771

Details

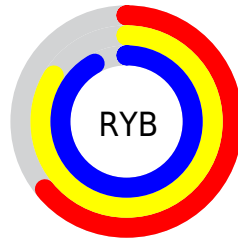
The XYZ color **54.7558, 71.2042, 61.8968** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.5583, 48.6226, 64.0593**, and the grayscale version is **60.7299, 63.8926, 69.5790**.

A 20% lighter version of the original color is **82.6878, 93.7007, 104.9947**, and **27.2841, 37.4486, 30.6012** is the 20% darker color. If you saturate the color by 10%, you get **48.8918, 68.3513, 54.0268**, and if you desaturate by 10%, it is **61.6590, 74.5807, 70.5452**.

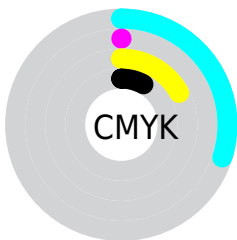
Distribution



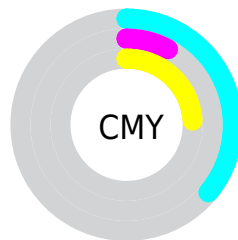
- Red (64%)
- Green (92%)
- Blue (76%)



- Red (64%)
- Yellow (84%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)





- Cyan (36%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7558, 71.2042, 61.8968 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 54.7558, 71.2042, 61.8968 by changing the saturation by 10% instead.


 54.7558, 71.2042,
61.8968


 54.7558, 71.2042,
61.8968


395.1371,
464.7670, 449.5518

 39.4393, 52.5089,
44.5141


 96.3335, 120.9244,
109.1465

 27.2839, 37.4108,
30.7347

 123.3254,
152.7181, 139.8506

 17.9243, 25.5257,
20.1401


154.9398,
189.6467, 175.8322

 10.9950, 16.4692,
12.3119

191.5421,
232.0946, 217.5098

 6.1307, 9.8568,
6.8313

233.4976,
280.4461, 265.3020

 2.9661, 5.3041,
3.2800

281.1717,

 1.1359, 2.4268,

335.0858, 319.6274

1.2393

334.9297,
396.3979, 380.9045

■ 0.0548, 0.8396,
0.0113

■ 0.0000, 0.0000,
0.0000

■ 54.7558, 71.2042,
61.8968

■ 54.7558, 71.2042,
61.8968

■ 48.8918, 68.3513,
54.0268

■ 61.6590, 74.5807,
70.5452

■ 44.0080, 65.9861,
46.9084

■ 69.6448, 78.4968,
79.9880

■ 40.0483, 64.0821,
40.5205

■ 78.7611, 82.9788,
90.2470

■ 36.9483, 62.6065,
34.8388

■ 87.9374, 87.4744,
101.2894

■ 34.6344, 61.5219,
29.8378

■ 88.9996, 87.8993,
106.8832

■ 33.0198, 60.7842,
25.4900

■ 31.9759, 60.3258,
21.8369

Harmonies

Analogous

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



59.0221, 71.2042, 47.9732



54.7558, 71.2042, 61.8968



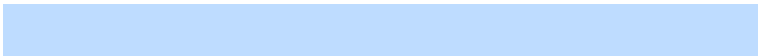
53.8220, 71.2042, 82.9074

Triad

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



54.7558, 71.2042, 61.8968



69.5302, 71.2042, 128.6133



80.4098, 71.2042, 54.3849

Complementary

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



54.7558, 71.2042, 61.8968



58.5583, 48.6226, 64.0593

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.



83.7275, 71.2042, 72.3889



54.7558, 71.2042, 61.8968



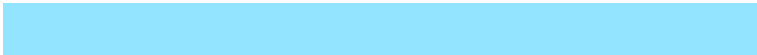
77.1401, 71.2042, 117.2553

Square

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



54.7558, 71.2042, 61.8968



61.9728, 71.2042, 124.3209



82.4871, 71.2042, 95.5943



73.7218, 71.2042, 44.2553

Rectangle

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



54.7558, 71.2042, 61.8968



55.1444, 71.2042, 98.7819



82.4871, 71.2042, 95.5943



81.9787, 71.2042, 59.5669

Sweetspot

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



54.7577, 71.2072, 61.8984



85.0439, 95.0798, 97.6751



61.7036, 75.1387, 46.3740



17.8793, 20.1921, 20.5344



0.0000, 0.0000, 0.0000



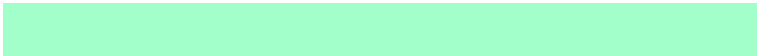
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7577, 71.2072, 61.8984



61.5644, 83.5913, 68.7591



59.1750, 72.9741, 85.1595



15.1324, 16.9678, 17.3800



17.8559, 33.5968, 12.4721



1.4493, 2.6570, 1.2276

Inverse Universe

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



58.5583, 48.6226, 64.0593



66.7949, 52.4944, 71.7220



54.7863, 47.1138, 44.1963



15.4301, 15.1999, 17.5504



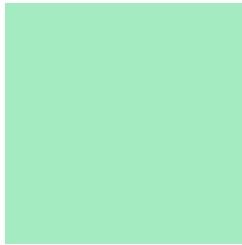
21.5947, 10.8406, 14.1987



1.7436, 0.8704, 1.3672

Previews

White Background



This preview shows how the XYZ color 54.7558, 71.2042, 61.8968 looks on a white background.

Color Contrast Check

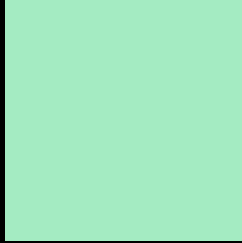
Large Text (above 18pt) WCAG AA × Fail

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 54.7558, 71.2042, 61.8968 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 54.7558, 71.2042, 61.8968

Background



This preview shows how black text looks on a background with the XYZ color 54.7558, 71.2042, 61.8968.



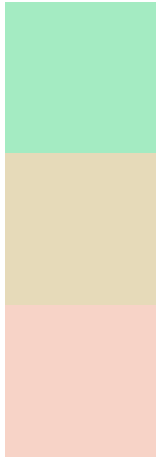
This preview shows how white text looks on a background with the XYZ color 54.7558, 71.2042, 61.8968.

61.8968.

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

54.7558, 71.2042, 61.8968

Protanopia

66.4615, 70.4686, 55.9978

Deuteranopia

71.9608, 70.4862, 63.8453



Tritanopia

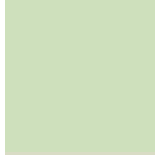
62.0572, 71.2546, 97.6715

Trichromacy



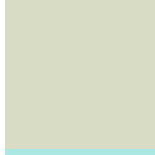
Original Color

54.7558, 71.2042, 61.8968



Protanomaly

61.1864, 70.0640, 57.8758



Deuteranomaly

64.2865, 69.9693, 62.9405



Tritanomaly

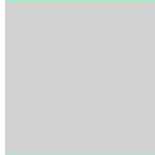
59.2356, 71.3558, 83.3240

Monochromacy



Original Color

54.7558, 71.2042, 61.8968



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.9628, 65.8399, 66.7801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7558, 71.2042, 61.8968 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(164, 235, 194)` looks like.

```
.text, #text, p{  
    color:rgb(164, 235, 194)  
}
```

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(164, 235, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 235, 194) }
```

Border

The CSS property to change the border of an element to XYZ 54.7558, 71.2042, 61.8968 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(164, 235, 194) }
```


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

```
.border{ border-color:rgb(164, 235, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 235, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 235, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 235, 194);  
box-shadow:4px 4px 4px 4px rgb(164, 235,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7558, 71.2042, 61.8968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 235, 194) }
```

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

```
.background{ background-color: rgb(164,  
235, 194) }
```

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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