

Converting Colors

XYZ(54.6168, 69.9024, 51.9129)

Have a look what the booklet for
XYZ(54.6168, 69.9024, 51.9129)
contains.

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Color

**XYZ(54.5976, 70.0779,
51.7231)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E8B0
RGB	176, 232, 176
RGB Percent	69%, 91%, 69%
CMY	0.3098, 0.0902, 0.3098
CMYK	0.24, 0.00, 0.24, 0.09
HSL	120°, 55%, 80%
HSV	120°, 24%, 91%
XYZ	54.5976, 70.0779, 51.7231
YIQ	208.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

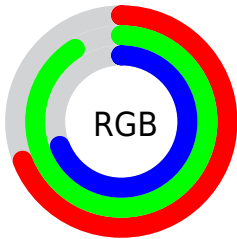
Format	Color
RYB	176, 232, 232
Decimal	11593904
CIELab	87.04, -28.48, 21.59
CIElCh	87, 35.740, 142.829
Yxy	70.0779, 0.3095, 0.3973
Android (android.graphics.Color)	4289783984 (0xFFB0E8B0)
YUV	208.8720, -16.2059, -28.8287
Hunter-Lab	83.7125, -30.0787, 21.9655

Details

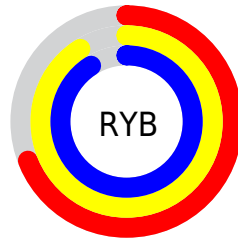
The XYZ color **54.5976, 70.0779, 51.7231** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.3719, 54.0342, 83.4365**, and the grayscale version is **60.6319, 63.7895, 69.4668**.

A 20% lighter version of the original color is **83.6042, 94.5020, 90.1782**, and **27.1265, 36.6183, 24.3772** is the 20% darker color. If you saturate the color by 10%, you get **47.6907, 66.7622, 40.4241**, and if you desaturate by 10%, it is **62.7971, 74.0186, 65.1333**.

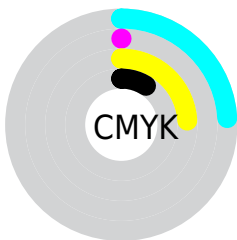
Distribution



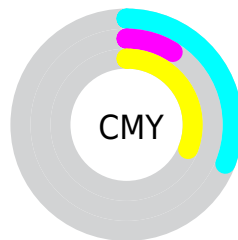
- Red (69%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5976, 70.0779, 51.7231 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 54.5976, 70.0779, 51.7231 by changing the saturation by 10% instead.


 54.5976, 70.0779,
51.7231

 54.5976, 70.0779,
51.7231


394.5460,
460.8235, 410.2932

 39.3122, 51.5900,
36.4037


 96.1029, 119.3198,
94.1452

 27.1845, 36.6784,
24.4540


123.0535,
150.8427, 122.0849

 17.8491, 24.9586,
15.4554


154.6232,
187.4794, 155.0685

 10.9408, 16.0462,
8.9895

191.1774,
229.6142, 193.5145

 6.0940, 9.5569,
4.6376

233.0814,
277.6317, 237.8414

 2.9435, 5.1061,
1.9812

280.7006,

 1.1240, 2.3097,

331.9161, 288.4678

0.5437

334.4004,
392.8519, 345.8122

■ 0.0450, 0.7788,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5976, 70.0779,
51.7231

■ 54.5976, 70.0779,
51.7231

■ 47.6907, 66.7622,
40.4241

■ 62.7971, 74.0186,
65.1333

■ 42.0053, 64.0313,
31.1246

■ 72.3444, 78.6047,
80.7496

■ 37.4719, 61.8537,
23.7094

■ 83.2984, 83.8665,
98.6669

■ 34.0120, 60.1917,
18.0500

■ 88.1480, 86.1959,
106.5993

■ 31.5370, 59.0028,
14.0017

■ 29.9445, 58.2379,
11.3967

■ 29.1095, 57.8368,
10.0308

■ 28.8580, 57.7159,
9.6194

Harmonies

Analogous

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



60.5608, 70.0779, 41.2414



54.5976, 70.0779, 51.7231



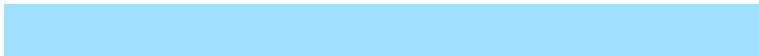
51.8923, 70.0779, 70.6972

Triad

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



54.5976, 70.0779, 51.7231



64.6197, 70.0779, 131.7234



82.5541, 70.0779, 59.7936

Complementary

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



54.5976, 70.0779, 51.7231



63.3719, 54.0342, 83.4365

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.



83.8693, 70.0779, 82.1974



54.5976, 70.0779, 51.7231



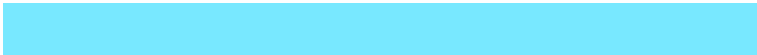
73.0427, 70.0779, 127.1054

Square

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



54.5976, 70.0779, 51.7231



57.3560, 70.0779, 119.1969



80.2596, 70.0779, 107.6473



76.8027, 70.0779, 45.1747

Rectangle

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



54.5976, 70.0779, 51.7231



52.1260, 70.0779, 86.9922



80.2596, 70.0779, 107.6473



83.5484, 70.0779, 66.5272

Sweetspot

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



54.5994, 70.0809, 51.7246



86.0432, 95.6736, 94.1678



69.9749, 78.0072, 52.4438



18.2592, 20.4024, 19.8980



0.0000, 0.0000, 0.0000



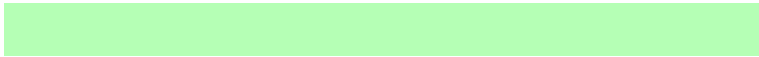
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5994, 70.0809, 51.7246



63.1735, 84.6881, 56.7603



57.6622, 71.3060, 67.8530



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



63.3719, 54.0342, 83.4365



75.8239, 61.5480, 102.4905



59.7053, 52.5676, 64.1284



14.9952, 14.6153, 18.1750



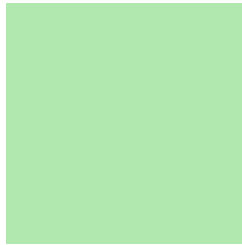
26.5610, 12.7586, 43.4446



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 54.5976, 70.0779, 51.7231 looks on a white background.

Color Contrast Check

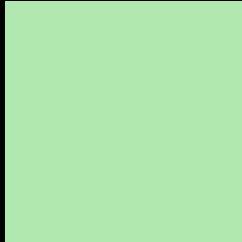
Large Text (above 18pt) WCAG AA × Fail

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 54.5976, 70.0779, 51.7231 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

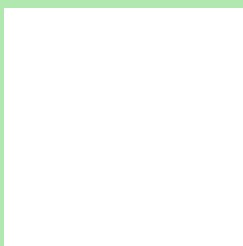
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5976, 70.0779, 51.7231

Background



This preview shows how black text looks on a background with the XYZ color 54.5976, 70.0779, 51.7231.



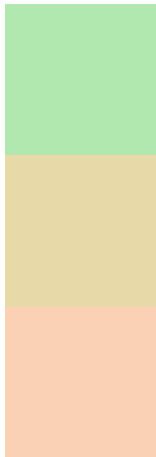
This preview shows how white text looks on a background with the XYZ color 54.5976, 70.0779,

51.7231.

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

54.5976, 70.0779, 51.7231

Protanopia

65.2530, 69.6461, 47.5400

Deuteranopia

70.9246, 69.4464, 53.3824



Tritanopia

62.7584, 69.6910, 93.3631

Trichromacy



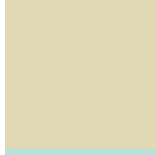
Original Color

54.5976, 70.0779, 51.7231



Protanomaly

60.7190, 69.2182, 49.1899



Deuteranomaly

63.6900, 68.7277, 52.5568



Tritanomaly

59.2492, 69.4697, 75.9319

Monochromacy



Original Color

54.5976, 70.0779, 51.7231



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.9169, 65.5272, 62.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5976, 70.0779, 51.7231 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(176, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 176)  
}
```

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(176, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 176) }
```

Border

The CSS property to change the border of an element to XYZ 54.5976, 70.0779, 51.7231 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(176, 232, 176) }
```


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

```
.border{ border-color:rgb(176, 232, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 232, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 232, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 232,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5976, 70.0779, 51.7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 176) }
```

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

```
.background{ background-color: rgb(176,  
232, 176) }
```

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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