

Converting Colors

XYZ(55.9278, 70.0369, 58.2780)

Have a look what the booklet for
XYZ(55.9278, 70.0369, 58.2780)
contains.

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Color

**XYZ(56.0131, 70.2476,
58.1839)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B2E7BC |
| RGB | 178, 231, 188 |
| RGB Percent | 70%, 91%, 74% |
| CMY | 0.3020, 0.0941, 0.2627 |
| CMYK | 0.23, 0.00, 0.19, 0.09 |
| HSL | 131°, 52%, 80% |
| HSV | 131°, 23%, 91% |
| XYZ | 56.0131, 70.2476, 58.1839 |
| YIQ | 210.2510, -17.7850, -24.6090 |

Conversions

Conversions Part 2

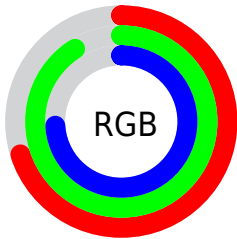
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 178, 223, 231 |
| Decimal | 11724732 |
| CIELab | 87.12, -25.28, 15.49 |
| CIELCh | 87, 29.646, 148.494 |
| Yxy | 70.2476, 0.3037, 0.3809 |
| Android (android.graphics.Color) | 4289914812 (0xFFB2E7BC) |
| YUV | 210.2510, -10.9697, -28.2841 |
| Hunter-Lab | 83.8138, -27.3820, 17.5103 |

Details

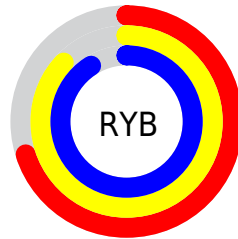
The XYZ color **56.0131, 70.2476, 58.1839** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.9289, 54.0518, 75.5786**, and the grayscale version is **61.5032, 64.7061, 70.4650**.

A 20% lighter version of the original color is **86.0208, 95.5441, 99.4960**, and **28.0153, 36.6943, 28.5278** is the 20% darker color. If you saturate the color by 10%, you get **49.2617, 66.9876, 47.9977**, and if you desaturate by 10%, it is **63.9232, 74.0786, 69.7969**.

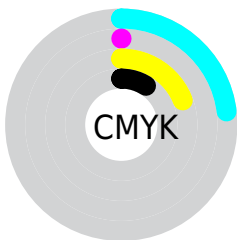
Distribution



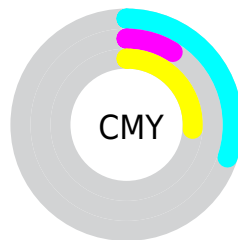
- Red (70%)
- Green (91%)
- Blue (74%)



- Red (70%)
- Yellow (87%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)





- Cyan (30%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0131, 70.2476, 58.1839 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 56.0131, 70.2476, 58.1839 by changing the saturation by 10% instead.

 56.0131, 70.2476,
58.1839

 56.0131, 70.2476,
58.1839


399.8151,
461.4189, 435.4882

 40.4505, 51.7284,
41.5408


 98.1634, 119.5618,
103.7080

 28.0757, 36.7886,
28.4190


125.4818,
151.1256, 133.4262

 18.5235, 25.0439,
18.4000


157.4495,
187.8063, 168.3398

 11.4284, 16.1098,
11.0651

194.4319,
229.9885, 208.8673

 6.4252, 9.6019,
5.9959

236.7943,
278.0564, 255.4274

 3.1484, 5.1358,
2.7739


284.9021,

 1.2327, 2.3272,


332.3946, 308.4386


0.9804


339.1205,
393.3872, 368.3193


 0.1320, 0.7880,
0.0000


 0.0000, 0.0000,
0.0000


 56.0131, 70.2476,
58.1839


 56.0131, 70.2476,
58.1839


 49.2617, 66.9876,
47.9977


 63.9232, 74.0786,
69.7969


 43.6086, 64.2627,
39.1789

 73.0375, 78.4969,
82.8841

 38.9966, 62.0465,
31.6704

 83.4057, 83.5293,
97.4963

 35.3608, 60.3070,
25.4095

 87.8672, 85.6345,
106.5057

■ 32.6288, 59.0082,
20.3285

■ 30.7180, 58.1092,
16.3530

■ 29.5298, 57.5608,
13.3998

■ 29.0241, 57.3332,
11.8789

Harmonies

Analogous

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



60.5953, 70.2476, 47.5474



56.0131, 70.2476, 58.1839



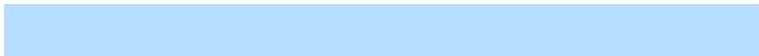
54.2834, 70.2476, 75.4863

Triad

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



56.0131, 70.2476, 58.1839



66.4177, 70.2476, 121.4668



79.2118, 70.2476, 59.6477

Complementary

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



56.0131, 70.2476, 58.1839



61.9289, 54.0518, 75.5786

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.



81.0340, 70.2476, 77.4979



56.0131, 70.2476, 58.1839



73.3468, 70.2476, 115.2842

Square

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



56.0131, 70.2476, 58.1839



60.0269, 70.2476, 113.9670



78.8189, 70.2476, 98.2764



73.9963, 70.2476, 48.2838

Rectangle

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



56.0131, 70.2476, 58.1839



54.8826, 70.2476, 89.2778



78.8189, 70.2476, 98.2764



80.2568, 70.2476, 64.9815

Sweetspot

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



56.0150, 70.2506, 58.1855



86.5404, 95.8725, 96.7861



66.5197, 75.7862, 53.2425



18.3739, 20.4483, 20.5020



0.0000, 0.0000, 0.0000



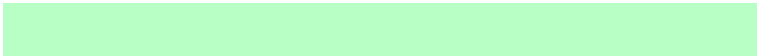
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0150, 70.2506, 58.1855



65.5177, 85.6955, 65.9540



59.1035, 71.4859, 74.4491



14.2999, 16.1334, 15.8439



16.3042, 32.1538, 6.8362



1.2365, 2.3887, 0.6722

Inverse Universe

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



61.9289, 54.0518, 75.5786



74.2538, 61.7575, 91.6404



58.7033, 52.7615, 58.5929



14.8724, 14.5661, 17.5282



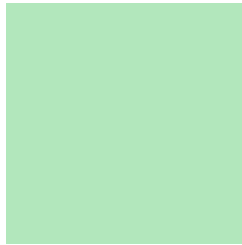
23.5721, 11.5631, 27.7054



1.7721, 0.8666, 2.2064

Previews

White Background



This preview shows how the XYZ color 56.0131, 70.2476, 58.1839 looks on a white background.

Color Contrast Check

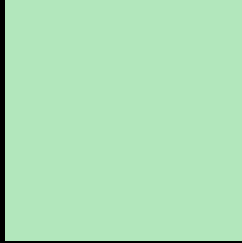
Large Text (above 18pt) WCAG AA × Fail

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 56.0131, 70.2476, 58.1839 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

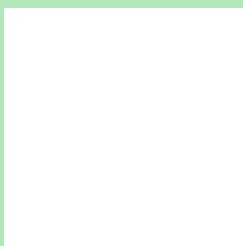
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0131, 70.2476, 58.1839

Background



This preview shows how black text looks on a background with the XYZ color 56.0131, 70.2476, 58.1839.



This preview shows how white text looks on a background with the XYZ color 56.0131, 70.2476,

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

56.0131, 70.2476, 58.1839

Protanopia

65.7865, 69.7849, 53.7186

Deuteranopia

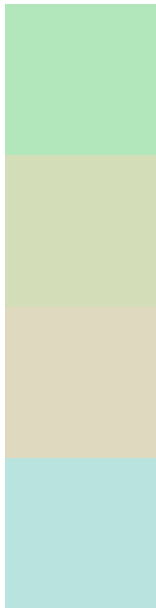
71.2724, 69.8554, 59.5962



Tritanopia

63.2719, 70.3535, 93.4639

Trichromacy



Original Color

56.0131, 70.2476, 58.1839

Protanomaly

61.6370, 69.5521, 55.5237

Deuteranomaly

64.9068, 69.5924, 59.3019

Tritanomaly

60.4211, 70.4024, 79.5117

Monochromacy



Original Color

56.0131, 70.2476, 58.1839

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.0208, 66.4128, 65.5853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0131, 70.2476, 58.1839 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(178, 231, 188)` looks like.

```
.text, #text, p{  
    color:rgb(178, 231, 188)  
}
```

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(178, 231, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 231, 188) }
```

Border

The CSS property to change the border of an element to XYZ 56.0131, 70.2476, 58.1839 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(178, 231, 188) }
```


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

```
.border{ border-color:rgb(178, 231, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 231, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 231, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 231, 188);  
box-shadow:4px 4px 4px 4px rgb(178, 231,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0131, 70.2476, 58.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 231, 188) }
```

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

```
.background{ background-color: rgb(178,  
231, 188) }
```

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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