

Converting Colors

XYZ(56.6881, 70.3616, 57.8577)

Have a look what the booklet for
XYZ(56.6881, 70.3616, 57.8577)
contains.

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Color

**XYZ(56.5579, 70.1266,
57.5686)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E6BB
RGB	182, 230, 187
RGB Percent	71%, 90%, 73%
CMY	0.2863, 0.0980, 0.2667
CMYK	0.21, 0.00, 0.19, 0.10
HSL	126°, 49%, 81%
HSV	126°, 21%, 90%
XYZ	56.5579, 70.1266, 57.5686
YIQ	210.7460, -14.8050, -23.5490

Conversions

Conversions Part 2

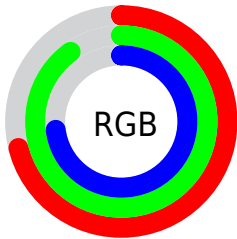
Format	Color
RYB	182, 225, 230
Decimal	11986619
CIELab	87.06, -23.67, 15.96
CIELCh	87, 28.547, 145.996
Yxy	70.1266, 0.3070, 0.3806
Android (android.graphics.Color)	4290176699 (0xFFB6E6BB)
YUV	210.7460, -11.7068, -25.2102
Hunter-Lab	83.7416, -25.9915, 17.8599

Details

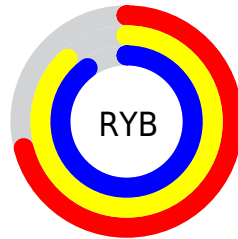
The XYZ color **56.5579, 70.1266, 57.5686** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.9542, 55.7168, 78.6737**, and the grayscale version is **61.8326, 65.0528, 70.8424**.

A 20% lighter version of the original color is **87.1976, 96.1682, 98.7605**, and **28.3412, 36.5825, 28.1217** is the 20% darker color. If you saturate the color by 10%, you get **49.5159, 66.7352, 46.5392**, and if you desaturate by 10%, it is **64.8124, 74.1105, 70.3098**.

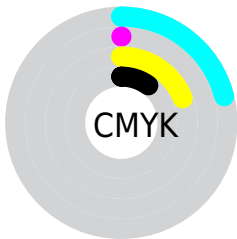
Distribution



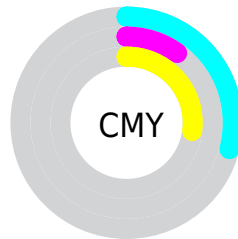
- Red (71%)
- Green (90%)
- Blue (73%)



- Red (71%)
- Yellow (88%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5579, 70.1266, 57.5686 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 56.5579, 70.1266, 57.5686 by changing the saturation by 10% instead.

■ 56.5579, 70.1266,
57.5686

■ 56.5579, 70.1266,
57.5686

401.8316,
460.9944, 433.1298

■ 40.8892, 51.6298,
41.0495

■ 98.9549, 119.3893,
102.8029

■ 28.4198, 36.7100,
28.0378

126.4139,
150.9239, 132.3553

■ 18.7844, 24.9831,
18.1149

158.5336,
187.5732, 167.0891

■ 11.6177, 16.0644,
10.8622

195.6795,
229.7217, 207.4230

■ 6.5542, 9.5698,
5.8612

238.2169,
277.7536, 253.7755

■ 3.2288, 5.1146,
2.6935


286.5112,

■ 1.2759, 2.3147,


332.0534, 306.5651


0.9401


340.9276,
393.0056, 366.2103


 0.1650, 0.7815,
0.0000


 0.0000, 0.0000,
0.0000


 56.5579, 70.1266,
57.5686


 56.5579, 70.1266,
57.5686


 49.5159, 66.7352,
46.5392


 64.8124, 74.1105,
70.3098

 43.6238, 63.8995,
37.1444

 74.3268, 78.7039,
84.8264

 38.8220, 61.5926,
29.3076

 85.1530, 83.9342,
101.1847

 35.0430, 59.7814,
22.9447

 87.5882, 85.0764,
106.4127

■ 32.2123, 58.4294,
17.9635

■ 30.2445, 57.4949,
14.2613

■ 29.0392, 56.9285,
11.7212

■ 28.4626, 56.6621,
10.2987

Harmonies

Analogous

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



61.1780, 70.1266, 47.8245



56.5579, 70.1266, 57.5686



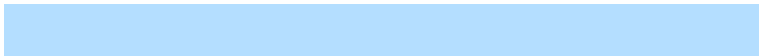
54.6387, 70.1266, 73.8153

Triad

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



56.5579, 70.1266, 57.5686



65.7601, 70.1266, 119.2659



78.8831, 70.1266, 61.3344

Complementary

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



56.5579, 70.1266, 57.5686



62.9542, 55.7168, 78.6737

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.



80.3113, 70.1266, 78.9543



56.5579, 70.1266, 57.5686



72.4458, 70.1266, 114.4406

Square

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



56.5579, 70.1266, 57.5686



59.7221, 70.1266, 111.1084



77.8836, 70.1266, 98.8416



74.1009, 70.1266, 49.7302

Rectangle

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



56.5579, 70.1266, 57.5686



55.0481, 70.1266, 86.9534



77.8836, 70.1266, 98.8416



79.7845, 70.1266, 66.6566

Sweetspot

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



56.5598, 70.1296, 57.5701



87.5145, 96.3612, 97.4364



67.8570, 76.0143, 55.3525



18.5638, 20.5442, 20.5991



0.0000, 0.0000, 0.0000



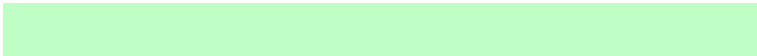
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5598, 70.1296, 57.5701



67.4892, 86.7010, 66.5380



59.3232, 71.2349, 72.1220



14.2500, 16.1134, 15.5815



16.1342, 32.0858, 5.9409



1.2129, 2.3793, 0.5479

Inverse Universe

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



62.9542, 55.7168, 78.6737



76.9244, 65.4304, 97.6744



59.9295, 54.5069, 62.7458



14.9270, 14.5880, 17.8160



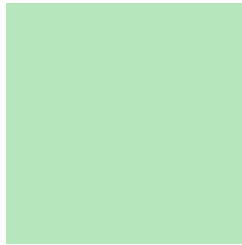
24.8120, 12.0590, 34.2344



1.8522, 0.8986, 2.6284

Previews

White Background



This preview shows how the XYZ color 56.5579, 70.1266, 57.5686 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 56.5579, 70.1266, 57.5686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

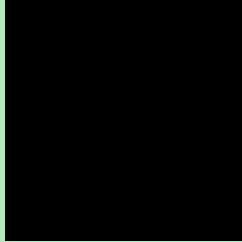
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5579, 70.1266, 57.5686

Background



This preview shows how black text looks on a background with the XYZ color 56.5579, 70.1266, 57.5686.

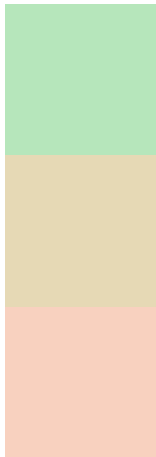


This preview shows how white text looks on a background with the XYZ color 56.5579, 70.1266,

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

56.5579, 70.1266, 57.5686

Protanopia

65.7865, 69.7849, 53.7186

Deuteranopia

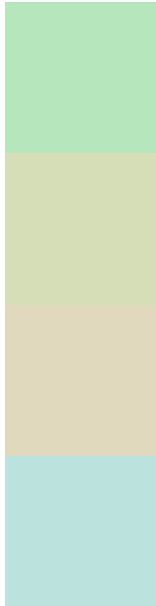
70.9158, 69.3190, 58.9324



Tritanopia

63.6017, 70.1430, 92.6249

Trichromacy



Original Color

56.5579, 70.1266, 57.5686

Protanomaly

62.1091, 69.8076, 55.0005

Deuteranomaly

64.8476, 69.1907, 58.6525

Tritanomaly

60.9865, 70.3045, 78.7624

Monochromacy



Original Color

56.5579, 70.1266, 57.5686

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.5515, 66.6864, 65.6102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5579, 70.1266, 57.5686 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(182, 230, 187)` looks like.

```
.text, #text, p{  
    color:rgb(182, 230, 187)  
}
```

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(182, 230, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 230, 187) }
```

Border

The CSS property to change the border of an element to XYZ 56.5579, 70.1266, 57.5686 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(182, 230, 187) }
```


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

```
.border{ border-color:rgb(182, 230, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 230, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 230, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 230, 187);  
box-shadow:4px 4px 4px 4px rgb(182, 230,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5579, 70.1266, 57.5686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 230, 187) }
```

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

```
.background{ background-color: rgb(182,  
230, 187) }
```

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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