

Converting Colors

XYZ(58.7150, 73.3585, 56.9639)

Have a look what the booklet for
XYZ(58.7150, 73.3585, 56.9639)
contains.

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Color

**XYZ(58.7150, 73.3585,
56.9639)**

Conversions

Conversions Part 1

Format	Color
Hex	BAEBB9
RGB	186, 235, 185
RGB Percent	73%, 92%, 73%
CMY	0.2706, 0.0784, 0.2745
CMYK	0.21, 0.00, 0.21, 0.08
HSL	119°, 56%, 82%
HSV	119°, 21%, 92%
XYZ	58.7150, 73.3585, 56.9639
YIQ	214.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

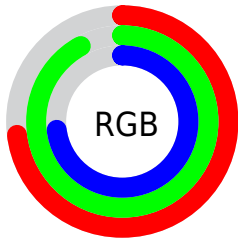
Format	Color
RYB	185, 235, 234
Decimal	12250041
CIELab	88.62, -25.11, 19.22
CIELCh	89, 31.621, 142.563
Yxy	73.3585, 0.3106, 0.3881
Android (android.graphics.Color)	4290440121 (0xFFBAEBB9)
YUV	214.6490, -14.6170, -25.1252
Hunter-Lab	85.6496, -27.5204, 20.5221

Details

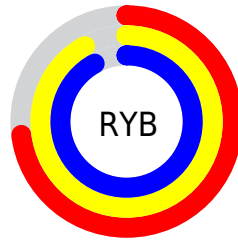
The XYZ color **58.7150, 73.3585, 56.9639** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.2789, 58.1905, 86.3396**, and the grayscale version is **64.4576, 67.8144, 73.8499**.

A 20% lighter version of the original color is **88.5993, 96.9256, 97.2579**, and **29.8007, 38.8117, 27.7505** is the 20% darker color. If you saturate the color by 10%, you get **51.2853, 69.7938, 44.7191**, and if you desaturate by 10%, it is **67.4604, 77.5583, 71.4138**.

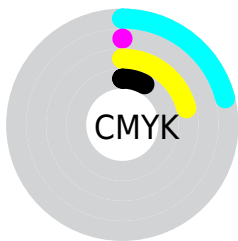
Distribution



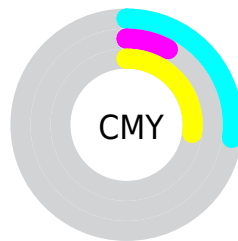
- Red (73%)
- Green (92%)
- Blue (73%)



- Red (73%)
- Yellow (92%)
- Blue (92%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (27%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7150, 73.3585, 56.9639 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 58.7150, 73.3585, 56.9639 by changing the saturation by 10% instead.

■ 58.7150, 73.3585,
56.9639

■ 58.7150, 73.3585,
56.9639

409.7560,
472.2564, 430.8040

■ 42.6292, 54.2692,
40.5671

■ 102.0803,
123.9860, 101.9123

■ 29.7876, 38.8169,
27.6638

130.0906,
156.2930, 131.3010

■ 19.8247, 26.6173,
17.8356

162.8064,
193.7746, 165.8574

■ 12.3752, 17.2860,
10.6638

200.5931,
236.8153, 206.0001

■ 7.0737, 10.4386,
5.7299

243.8161,
285.7994, 252.1475

■ 3.5550, 5.6907,
2.6154

292.8406,

■ 1.4536, 2.6580,

341.1113, 304.7183

0.9004

348.0321,
403.1355, 364.1309

■ 0.2939, 0.9559,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7150, 73.3585,
56.9639

■ 58.7150, 73.3585,
56.9639

■ 51.2853, 69.7938,
44.7191

■ 67.4604, 77.5583,
71.4138

■ 45.1024, 66.8247,
34.5664

■ 77.5748, 82.4122,
88.1646

■ 40.0995, 64.4214,
26.3905

■ 88.9997, 87.8995,
106.8832

■ 36.2017, 62.5481,
20.0625

■ 33.3253, 61.1646,
15.4386

■ 31.3746, 60.2252,
12.3538

■ 30.2361, 59.6757,
10.6103

■ 29.7685, 59.4498,
9.9060

Harmonies

Analogous

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



64.2471, 73.3585, 47.0241



58.7150, 73.3585, 56.9639



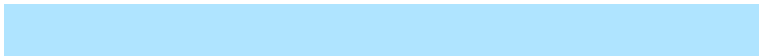
56.1686, 73.3585, 74.5602

Triad

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



58.7150, 73.3585, 56.9639



67.8437, 73.3585, 129.1888



84.1660, 73.3585, 64.8166

Complementary

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



58.7150, 73.3585, 56.9639



66.2789, 58.1905, 86.3396

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.



85.3041, 73.3585, 85.4364



58.7150, 73.3585, 56.9639



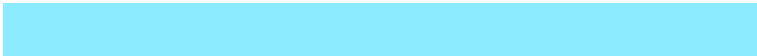
75.5058, 73.3585, 125.2854

Square

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



58.7150, 73.3585, 56.9639



61.1834, 73.3585, 118.0878



82.0320, 73.3585, 108.2284



79.0268, 73.3585, 50.9477

Rectangle

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



58.7150, 73.3585, 56.9639



56.3661, 73.3585, 89.3650



82.0320, 73.3585, 108.2284



85.0437, 73.3585, 71.0817

Sweetspot

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



58.7169, 73.3616, 56.9655



87.3808, 96.3197, 96.1907



72.2545, 79.6353, 57.4630



18.5324, 20.5345, 20.3060



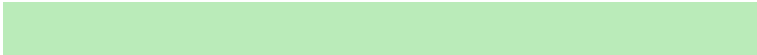
0.0000, 0.0000, 0.0000



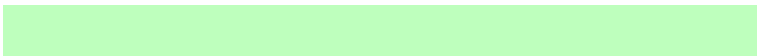
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7169, 73.3616, 56.9655



66.1543, 86.1315, 61.1119



61.1444, 74.3047, 71.0115



14.8962, 16.8765, 15.9911



16.5793, 33.0914, 5.5135



1.3117, 2.6035, 0.4334

Inverse Universe

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



66.2789, 58.1905, 86.3396



76.9372, 64.4958, 103.0016



63.4540, 57.0986, 69.7462



15.6833, 15.2975, 19.0484



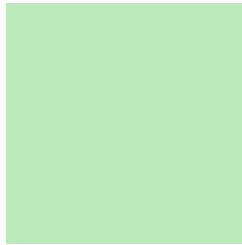
26.5754, 12.7361, 44.8006



2.0963, 1.0050, 3.5184

Previews

White Background



This preview shows how the XYZ color 58.7150, 73.3585, 56.9639 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 58.7150, 73.3585, 56.9639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

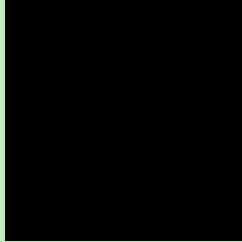
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7150, 73.3585, 56.9639

Background



This preview shows how black text looks on a background with the XYZ color 58.7150, 73.3585, 56.9639.

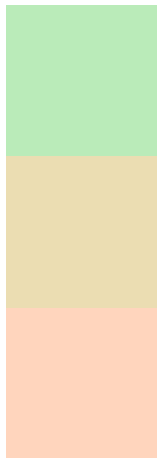


This preview shows how white text looks on a background with the XYZ color 58.7150, 73.3585,

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

58.7150, 73.3585, 56.9639

Protanopia

68.1533, 72.5894, 52.5386

Deuteranopia

74.2196, 72.5226, 58.2306



Tritanopia

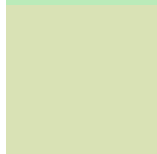
66.7155, 73.2665, 97.0118

Trichromacy



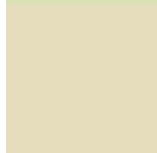
Original Color

58.7150, 73.3585, 56.9639



Protanomaly

64.1521, 72.4806, 54.3250



Deuteranomaly

67.5667, 72.1667, 57.9454



Tritanomaly

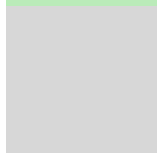
63.3543, 73.1278, 80.5880

Monochromacy



Original Color

58.7150, 73.3585, 56.9639



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.9222, 69.4396, 67.2663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7150, 73.3585, 56.9639 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(186, 235, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 235, 185)  
}
```

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(186, 235, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 235, 185) }
```

Border

The CSS property to change the border of an element to XYZ 58.7150, 73.3585, 56.9639 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(186, 235, 185) }
```


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

```
.border{ border-color:rgb(186, 235, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 235, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 235, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 235, 185); box-shadow:4px 4px 4px 4px rgb(186, 235, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7150, 73.3585, 56.9639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 235, 185) }
```

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

```
.background{ background-color: rgb(186,  
235, 185) }
```

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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