

Converting Colors

XYZ(57.8846, 71.7711, 56.9032)

Have a look what the booklet for
XYZ(57.8846, 71.7711, 56.9032)
contains.

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Color

**XYZ(57.8633, 71.6551,
56.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE8B9
RGB	186, 232, 185
RGB Percent	73%, 91%, 73%
CMY	0.2706, 0.0902, 0.2745
CMYK	0.20, 0.00, 0.20, 0.09
HSL	119°, 51%, 82%
HSV	119°, 20%, 91%
XYZ	57.8633, 71.6551, 56.6800
YIQ	212.8880, -12.3290, -24.3690

Conversions

Conversions Part 2

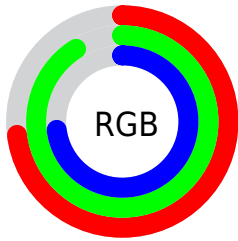
Format	Color
RYB	185, 232, 231
Decimal	12249273
CIELab	87.80, -23.66, 18.08
CIELCh	88, 29.778, 142.609
Yxy	71.6551, 0.3108, 0.3848
Android (android.graphics.Color)	4290439353 (0xFFBAE8B9)
YUV	212.8880, -13.7488, -23.5808
Hunter-Lab	84.6493, -26.1200, 19.5548

Details

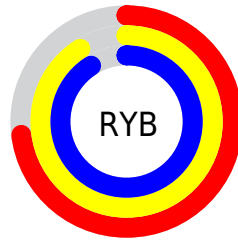
The XYZ color **57.8633, 71.6551, 56.6800** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.8723, 57.5150, 84.0300**, and the grayscale version is **63.2675, 66.5623, 72.4864**.

A 20% lighter version of the original color is **88.5993, 96.9256, 97.2579**, and **29.2059, 37.6221, 27.5523** is the 20% darker color. If you saturate the color by 10%, you get **50.5265, 68.1352, 44.5783**, and if you desaturate by 10%, it is **66.4802, 75.7929, 70.9308**.

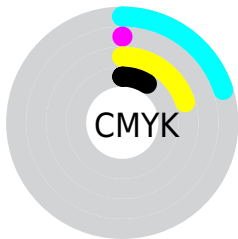
Distribution



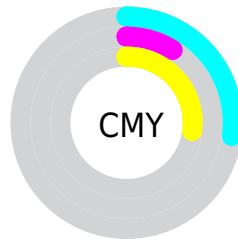
- Red (73%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8633, 71.6551, 56.6800 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 57.8633, 71.6551, 56.6800 by changing the saturation by 10% instead.

■ 57.8633, 71.6551,
56.6800

■ 57.8633, 71.6551,
56.6800

406.6384,
466.3402, 429.7092

■ 41.9416, 52.8770,
40.3407

■ 100.8479,
121.5660, 101.4938

■ 29.2465, 37.7046,
27.4885

128.6415,
153.4677, 130.8054

■ 19.4126, 25.7535,
17.7048

161.1230,
190.5126, 165.2783

■ 12.0745, 16.6393,
10.5710

198.6580,
233.0852, 205.3308

■ 6.8670, 9.9777,
5.6686

241.6116,
281.5698, 251.3816

■ 3.4247, 5.3841,
2.5791


290.3494,


■ 1.3821, 2.4744,


336.3510, 303.8493


0.8817


345.2365,
397.8130, 363.1523


 0.2434, 0.8638,
0.0000


 0.0000, 0.0000,
0.0000


 57.8633, 71.6551,
56.6800


 57.8633, 71.6551,
56.6800

 50.5265, 68.1352,
44.5783


 66.4802, 75.7929,
70.9308


 44.4035, 65.1950,
34.5171

 76.4281, 80.5665,
87.4227

 39.4306, 62.8062,
26.3853

 87.7622, 86.0045,
106.2483

 35.5358, 60.9344,
20.0597

 88.1480, 86.1960,
106.5993

■ 32.6395, 59.5414,
15.4025

■ 30.6507, 58.5837,
12.2564

■ 29.4620, 58.0100,
10.4339

■ 28.9198, 57.7478,
9.6222

Harmonies

Analogous

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



63.0110, 71.6551, 47.3080



57.8633, 71.6551, 56.6800



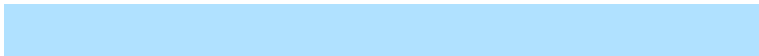
55.4912, 71.6551, 73.1167

Triad

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



57.8633, 71.6551, 56.6800



66.3716, 71.6551, 123.3642



81.4464, 71.6551, 63.9858

Complementary

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



57.8633, 71.6551, 56.6800



64.8723, 57.5150, 84.0300

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.



82.5010, 71.6551, 83.1382



57.8633, 71.6551, 56.6800



73.4686, 71.6551, 119.7768

Square

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



57.8633, 71.6551, 56.6800



60.1776, 71.6551, 113.2325



79.4913, 71.6551, 104.1394



76.7019, 71.6551, 50.9886

Rectangle

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



57.8633, 71.6551, 56.6800



55.6789, 71.6551, 86.8340



79.4913, 71.6551, 104.1394



82.2569, 71.6551, 69.8240

Sweetspot

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



57.8652, 71.6581, 56.6816



87.3874, 96.3232, 96.1910



70.4564, 77.4973, 57.1450



18.5339, 20.5353, 20.3061



0.0000, 0.0000, 0.0000



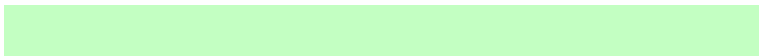
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8652, 71.6581, 56.6816



68.0071, 87.0217, 64.1338



60.1208, 72.5324, 69.8223



14.2175, 16.1037, 15.2634



16.0676, 32.0646, 5.3422



1.1974, 2.3747, 0.3952

Inverse Universe

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



64.8723, 57.5150, 84.0300



78.0601, 66.7286, 103.3734



62.2713, 56.5120, 68.6445



14.9632, 14.5988, 18.1735



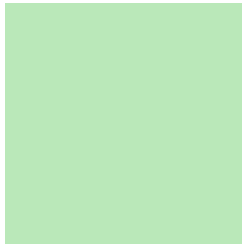
25.6990, 12.3142, 43.4056



1.9088, 0.9150, 3.2080

Previews

White Background



This preview shows how the XYZ color 57.8633, 71.6551, 56.6800 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 57.8633, 71.6551, 56.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

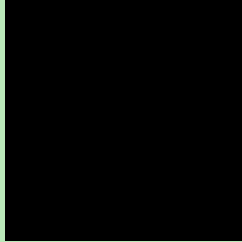
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8633, 71.6551, 56.6800

Background



This preview shows how black text looks on a background with the XYZ color 57.8633, 71.6551, 56.6800.



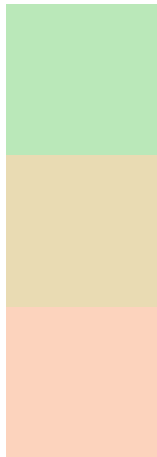
This preview shows how white text looks on a background with the XYZ color 57.8633, 71.6551,

56.6800.

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

57.8633, 71.6551, 56.6800

Protanopia

67.0725, 71.2413, 52.8637

Deuteranopia

72.6245, 70.9581, 58.0127



Tritanopia

65.4476, 71.4579, 94.3477

Trichromacy



Original Color

57.8633, 71.6551, 56.6800

Protanomaly

63.3150, 71.2464, 54.1309

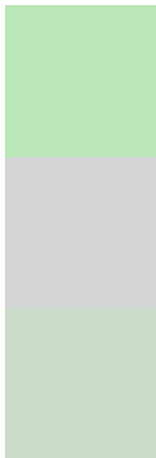
Deuteranomaly

66.4035, 70.7879, 57.7405

Tritanomaly

62.2585, 71.3651, 78.9001

Monochromacy



Original Color

57.8633, 71.6551, 56.6800

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.0013, 68.1947, 66.4477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8633, 71.6551, 56.6800 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, 232, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 232, 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, 232, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 232, 185) }
```

Border

The CSS property to change the border of an element to XYZ 57.8633, 71.6551, 56.6800 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, 232, 185) }
```


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

```
.border{ border-color:rgb(186, 232, 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, 232, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 232, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 232, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 232,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8633, 71.6551, 56.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 232, 185) }
```

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

```
.background{ background-color: rgb(186,  
232, 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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