

Converting Colors

XYZ(57.8458, 66.8180, 71.5147)

Have a look what the booklet for
XYZ(57.8458, 66.8180, 71.5147)
contains.

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Color

**XYZ(57.8640, 66.8552,
71.4826)**

Conversions

Conversions Part 1

Format	Color
Hex	BADDD3
RGB	186, 221, 211
RGB Percent	73%, 87%, 83%
CMY	0.2706, 0.1333, 0.1725
CMYK	0.16, 0.00, 0.05, 0.13
HSL	163°, 34%, 80%
HSV	163°, 16%, 87%
XYZ	57.8640, 66.8552, 71.4826
YIQ	209.3950, -17.6500, -10.5300

Conversions

Conversions Part 2

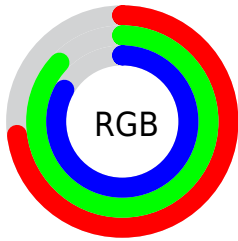
Format	Color
R _{YB}	186, 206, 221
Decimal	12246483
CIE Lab	85.43, -13.44, 1.06
CIE LCh	85, 13.477, 175.504
Yxy	66.8552, 0.2949, 0.3407
Android (android.graphics.Color)	4290436563 (0xFFBADDD3)
YUV	209.3950, 0.7913, -20.5174
Hunter-Lab	81.7650, -16.7668, 5.4016

Details

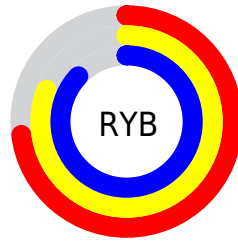
The XYZ color **57.8640, 66.8552, 71.4826** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3439, 54.4771, 59.7202**, and the grayscale version is **60.8671, 64.0369, 69.7362**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.2377, 34.6123, 37.0381** is the 20% darker color. If you saturate the color by 10%, you get **52.1287, 63.9901, 67.1627**, and if you desaturate by 10%, it is **64.4646, 70.1665, 76.0082**.

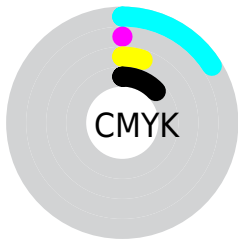
Distribution



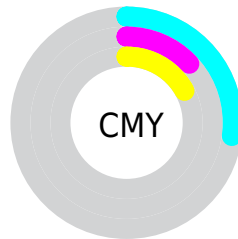
- Red (73%)
- Green (87%)
- Blue (83%)



- Red (73%)
- Yellow (81%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8640, 66.8552, 71.4826 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 57.8640, 66.8552, 71.4826 by changing the saturation by 10% instead.


 57.8640, 66.8552,
71.4826

 57.8640, 66.8552,
71.4826


406.6410,
449.4292, 484.6678

 41.9422, 48.9670,
52.2519


 100.8489,
114.7129, 123.0215

 29.2469, 34.5933,
36.8223


128.6426,
145.4512, 156.1668

 19.4129, 23.3497,
24.7752


161.1244,
181.2415, 194.7873

 12.0748, 14.8520,
15.6922

198.6596,
222.4684, 239.3016

 6.8672, 8.7156,
9.1546

241.6135,
269.5163, 290.1283

 3.4248, 4.5561,
4.7440

290.3514,

 1.3822, 1.9893,

322.7694, 347.6858

2.0417

345.2388,
382.6122, 412.3928

■ 0.2435, 0.6012,
0.5808

■ 0.0000, 0.0000,
0.0000

■ 57.8640, 66.8552,
71.4826

■ 57.8640, 66.8552,
71.4826

■ 52.1287, 63.9901,
67.1627

■ 64.4646, 70.1665,
76.0082

■ 47.2146, 61.5429,
63.0405

■ 71.9608, 73.9339,
80.7385

■ 43.0823, 59.4953,
59.1136

■ 80.3883, 78.1779,
85.6785

■ 39.6867, 57.8239,
55.3779

■ 82.2766, 79.0470,
90.4802

■ 36.9780, 56.5033,
51.8293

■ 83.2122, 79.4212,
95.4068

■ 34.9001, 55.5044,
48.4631

■ 84.1805, 79.8086,
100.5061

■ 33.3875, 54.7937,
45.2742

■ 85.1477, 80.1955,
105.5992

■ 32.3596, 54.3295,
42.2569

■ 32.0160, 54.1788,
41.0484

Harmonies

Analogous

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



58.8230, 66.8552, 63.6728



57.8640, 66.8552, 71.4826



58.3865, 66.8552, 80.2830

Triad

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



57.8640, 66.8552, 71.4826



66.1077, 66.8552, 89.0638



66.9303, 66.8552, 59.7865

Complementary

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



57.8640, 66.8552, 71.4826



57.3439, 54.4771, 59.7202

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.



68.9963, 66.8552, 65.7858



57.8640, 66.8552, 71.4826



68.5108, 66.8552, 82.7470

Square

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



57.8640, 66.8552, 71.4826



63.0843, 66.8552, 90.8928



69.5838, 66.8552, 74.1212



64.0056, 66.8552, 57.2728

Rectangle

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



57.8640, 66.8552, 71.4826



59.5138, 66.8552, 85.4697



69.5838, 66.8552, 74.1212



67.7518, 66.8552, 61.4378

Sweetspot

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



57.8659, 66.8580, 71.4841



89.9326, 97.4290, 105.6273



57.6167, 67.0640, 56.3632



19.1008, 20.7793, 22.5114



0.0000, 0.0000, 0.0000



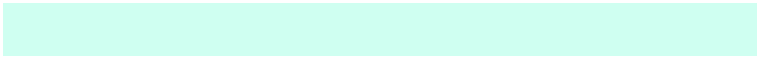
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8659, 66.8580, 71.4841



77.2668, 91.0807, 96.8476



57.3495, 63.7553, 77.6933



13.2779, 14.7628, 15.9266



18.6487, 31.4921, 24.1133



1.2446, 2.0548, 1.7540

Inverse Universe

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



57.3439, 54.4771, 59.7202



76.4148, 70.8562, 77.6346



57.7538, 57.0591, 54.4248



13.2083, 13.1124, 14.3580



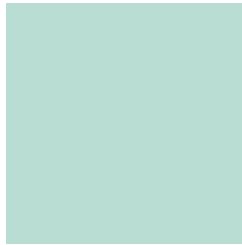
17.8883, 9.1564, 3.7920



1.1956, 0.6079, 0.4391

Previews

White Background



This preview shows how the XYZ color 57.8640, 66.8552, 71.4826 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 57.8640, 66.8552, 71.4826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

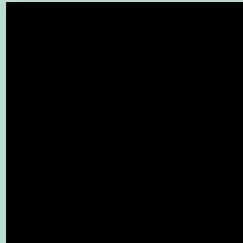
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

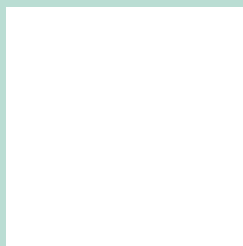
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8640, 66.8552, 71.4826

Background



This preview shows how black text looks on a background with the XYZ color 57.8640, 66.8552, 71.4826.



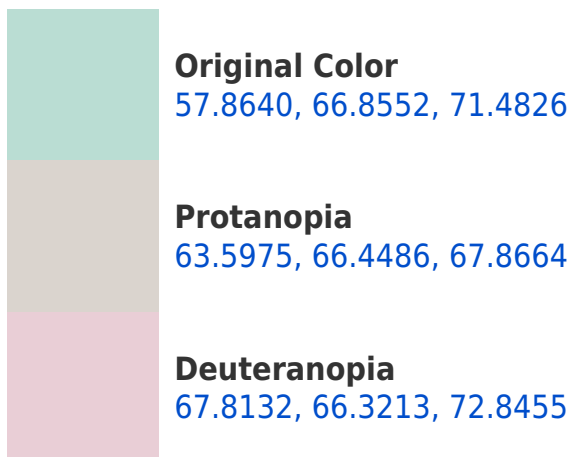
This preview shows how white text looks on a background with the XYZ color 57.8640, 66.8552,

71.4826.

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





Tritanopia

61.0435, 66.5710, 88.2294

Trichromacy



Original Color

57.8640, 66.8552, 71.4826

Protanomaly

61.1392, 66.2768, 69.2448

Deuteranomaly

63.6234, 65.9916, 72.3351

Tritanomaly

59.7851, 66.4526, 81.6271

Monochromacy



Original Color

57.8640, 66.8552, 71.4826

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5145, 64.6592, 70.3165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8640, 66.8552, 71.4826 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, 221, 211)` looks like.

```
.text, #text, p{  
    color:rgb(186, 221, 211)  
}
```

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, 221, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 221, 211) }
```

Border

The CSS property to change the border of an element to XYZ 57.8640, 66.8552, 71.4826 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, 221, 211) }
```


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

```
.border{ border-color:rgb(186, 221, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 221, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 221, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 221, 211);  
box-shadow:4px 4px 4px 4px rgb(186, 221,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8640, 66.8552, 71.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 221, 211) }
```

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

```
.background{ background-color: rgb(186,  
221, 211) }
```

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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