

Converting Colors

XYZ(58.5262, 68.8639, 66.9537)

Have a look what the booklet for
XYZ(58.5262, 68.8639, 66.9537)
contains.

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Color

**XYZ(58.4437, 68.8536,
66.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE1CB
RGB	188, 225, 203
RGB Percent	74%, 88%, 80%
CMY	0.2627, 0.1176, 0.2039
CMYK	0.16, 0.00, 0.10, 0.12
HSL	144°, 38%, 81%
HSV	144°, 16%, 88%
XYZ	58.4437, 68.8536, 66.7097
YIQ	211.4290, -14.9900, -14.6860

Conversions

Conversions Part 2

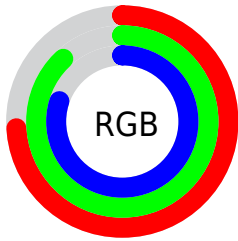
Format	Color
R _{YB}	188, 214, 225
Decimal	12378571
CIE _{Lab}	86.43, -16.34, 6.74
CIE _{LCh}	86, 17.674, 157.582
Yxy	68.8536, 0.3012, 0.3549
Android (android.graphics.Color)	4290568651 (0xFFBCE1CB)
YUV	211.4290, -4.1555, -20.5472
Hunter-Lab	82.9781, -19.4892, 10.4188

Details

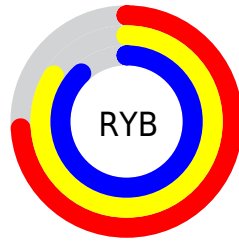
The XYZ color **58.4437, 68.8536, 66.7097** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.6698, 56.6287, 68.7085**, and the grayscale version is **62.2359, 65.4770, 71.3044**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.6311, 35.9877, 33.8184** is the 20% darker color. If you saturate the color by 10%, you get **51.8010, 65.6074, 58.4324**, and if you desaturate by 10%, it is **66.0920, 72.6061, 75.7553**.

Distribution



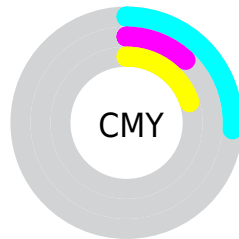
- Red (74%)
- Green (88%)
- Blue (80%)



- Red (74%)
- Yellow (84%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (26%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4437, 68.8536, 66.7097 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 58.4437, 68.8536, 66.7097 by changing the saturation by 10% instead.


 58.4437, 68.8536,
66.7097

 58.4437, 68.8536,
66.7097


408.7645,
456.5145, 467.3841

 42.4101, 50.5925,
48.3886


 101.6880,
117.5724, 116.1410

 29.6151, 35.8844,
33.7726

129.6293,
148.7990, 148.0884

 19.6932, 24.3449,
22.4430


162.2707,
185.1161, 185.4149

 12.2792, 15.5897,
13.9813

199.9774,
226.9082, 228.5392

 7.0077, 9.2343,
7.9691

243.1147,
274.5597, 277.8796

 3.5133, 4.8943,
3.9877


292.0481,

 1.4306, 2.1854,


328.4550, 333.8549


1.6186


347.1429,
388.9784, 396.8836


 0.2779, 0.7120,
0.3040


 0.0000, 0.0000,
0.0000


 58.4437, 68.8536,
66.7097


 58.4437, 68.8536,
66.7097


 51.8010, 65.6074,
58.4324


 66.0920, 72.6061,
75.7553


 46.1149, 62.8370,
50.8988

 74.7809, 76.8768,
85.5839

 41.3404, 60.5215,
44.0893

 84.3653, 81.5926,
96.2070

 37.4271, 58.6352,
37.9821

 86.2165, 82.3331,
105.9555

■ 34.3188, 57.1497,
32.5540

■ 31.9527, 56.0331,
27.7805

■ 30.2556, 55.2483,
23.6354

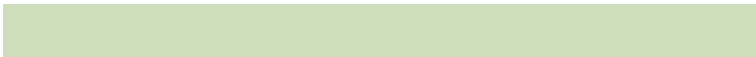
■ 29.1365, 54.7486,
20.0903

■ 28.8240, 54.6121,
18.9675

Harmonies

Analogous

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



60.7662, 68.8536, 58.5101



58.4437, 68.8536, 66.7097



57.9580, 68.8536, 77.9790

Triad

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



58.4437, 68.8536, 66.7097



66.4857, 68.8536, 99.5672



71.8711, 68.8536, 62.0633

Complementary

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



58.4437, 68.8536, 66.7097



60.6698, 56.6287, 68.7085

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.



73.5468, 68.8536, 72.0391



58.4437, 68.8536, 66.7097



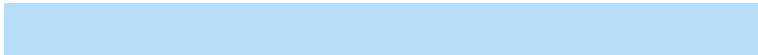
70.3545, 68.8536, 94.2588

Square

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



58.4437, 68.8536, 66.7097



62.4917, 68.8536, 97.7608



72.9805, 68.8536, 83.8852



68.4864, 68.8536, 56.0286

Rectangle

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



58.4437, 68.8536, 66.7097



58.7216, 68.8536, 85.8817



72.9805, 68.8536, 83.8852



72.6592, 68.8536, 65.0238

Sweetspot

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



58.4456, 68.8565, 66.7112



89.3170, 97.1828, 102.3854



62.6401, 71.2155, 58.0222



18.9511, 20.7194, 21.7233



0.0000, 0.0000, 0.0000



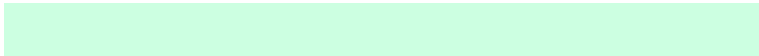
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4456, 68.8565, 66.7112



74.2080, 89.7758, 84.4187



60.7577, 69.7813, 78.8864



13.7579, 15.4289, 15.7604



16.6634, 31.4902, 11.2162



1.1985, 2.2001, 1.0067

Inverse Universe

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



60.6698, 56.6287, 68.7085



77.7310, 70.4050, 87.5802



58.5178, 55.7679, 57.3761



14.0476, 13.8367, 16.0207



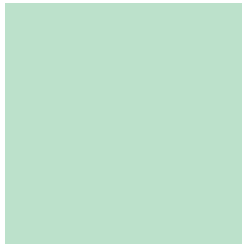
20.4237, 10.2365, 14.1629



1.4597, 0.7271, 1.2135

Previews

White Background



This preview shows how the XYZ color 58.4437, 68.8536, 66.7097 looks on a white background.

Color Contrast Check

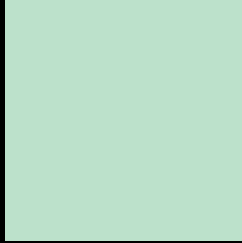
Large Text (above 18pt) WCAG AA × Fail

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 58.4437, 68.8536, 66.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

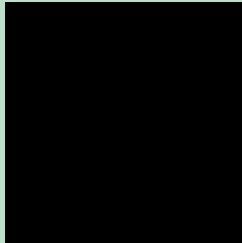
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

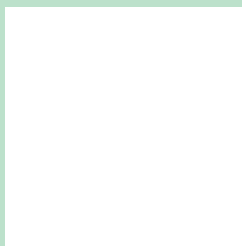
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4437, 68.8536, 66.7097

Background



This preview shows how black text looks on a background with the XYZ color 58.4437, 68.8536, 66.7097.



This preview shows how white text looks on a background with the XYZ color 58.4437, 68.8536,

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

58.4437, 68.8536, 66.7097

Protanopia

65.2340, 68.5254, 63.2146

Deuteranopia

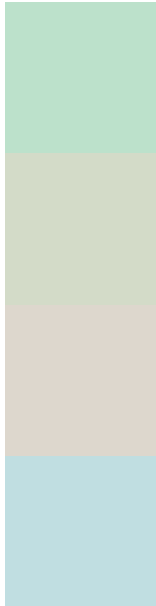
69.8762, 68.5824, 67.9474



Tritanopia

63.1274, 68.7702, 90.0676

Trichromacy



Original Color

58.4437, 68.8536, 66.7097

Protanomaly

62.6208, 68.6821, 64.6001

Deuteranomaly

65.1387, 68.3808, 67.5232

Tritanomaly

61.4501, 68.8853, 81.2916

Monochromacy



Original Color

58.4437, 68.8536, 66.7097

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.5696, 66.3623, 69.2914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4437, 68.8536, 66.7097 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(188, 225, 203)` looks like.

```
.text, #text, p{  
    color:rgb(188, 225, 203)  
}
```

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(188, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 225, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.4437, 68.8536, 66.7097 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(188, 225, 203) }
```


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

```
.border{ border-color:rgb(188, 225, 203) }
```

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

Here you see how a box with a 4 pixel rgb(188, 225, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(188, 225,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4437, 68.8536, 66.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 225, 203) }
```

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

```
.background{ background-color: rgb(188,  
225, 203) }
```

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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