

Converting Colors

XYZ(57.8408, 68.2720, 65.1385)

Have a look what the booklet for
XYZ(57.8408, 68.2720, 65.1385)
contains.

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Color

**XYZ(57.9373, 68.2197,
65.3724)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE0C9
RGB	188, 224, 201
RGB Percent	74%, 88%, 79%
CMY	0.2627, 0.1215, 0.2118
CMYK	0.16, 0.00, 0.10, 0.12
HSL	142°, 37%, 81%
HSV	142°, 16%, 88%
XYZ	57.9373, 68.2197, 65.3724
YIQ	210.6140, -14.0730, -14.7850

Conversions

Conversions Part 2

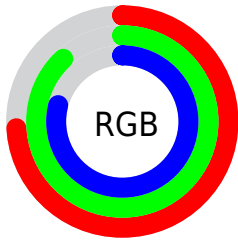
Format	Color
RYB	188, 214, 224
Decimal	12378313
CIELab	86.12, -16.21, 7.34
CIElCh	86, 17.795, 155.642
Yxy	68.2197, 0.3025, 0.3562
Android (android.graphics.Color)	4290568393 (0xFFBCE0C9)
YUV	210.6140, -4.7397, -19.8325
Hunter-Lab	82.5952, -19.3309, 10.8898

Details

The XYZ color **57.9373, 68.2197, 65.3724** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.4840, 56.5186, 69.3525**, and the grayscale version is **61.7007, 64.9139, 70.6913**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.2859, 35.5509, 32.9222** is the 20% darker color. If you saturate the color by 10%, you get **51.2358, 64.9524, 56.6763**, and if you desaturate by 10%, it is **65.6560, 71.9971, 74.9379**.

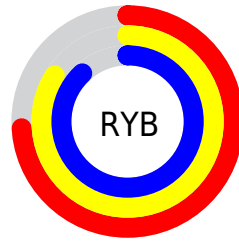
Distribution



Red (74%)

Green (88%)

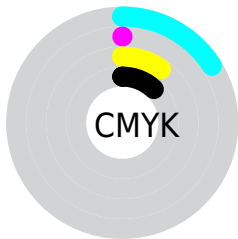
Blue (79%)



Red (74%)

Yellow (84%)

Blue (88%)

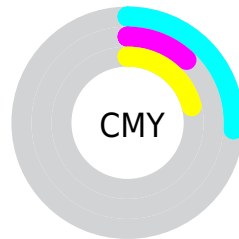


Cyan (16%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9373, 68.2197, 65.3724 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 57.9373, 68.2197, 65.3724 by changing the saturation by 10% instead.

■ 57.9373, 68.2197,
65.3724

■ 57.9373, 68.2197,
65.3724

406.9099,
454.2740, 462.4718

■ 42.0013, 50.0765,
47.3098

■ 100.9550,
116.6664, 114.2035

■ 29.2934, 35.4742,
32.9246

128.7675,
147.7387, 145.8091

■ 19.4483, 24.0284,
21.7980

161.2695,
183.8894, 182.7661

■ 12.1006, 15.3547,
13.5117

198.8264,
225.5030, 225.4932

■ 6.8849, 9.0687,
7.6470

241.8035,
272.9639, 274.4087

■ 3.4359, 4.7860,
3.7854


290.5662,


■ 1.3883, 2.1223,


326.6564, 329.9313


1.5084


345.4799,
386.9650, 392.4795


 0.2478, 0.6771,
0.2241


 0.0000, 0.0000,
0.0000

 57.9373, 68.2197,
65.3724


 57.9373, 68.2197,
65.3724


 51.2358, 64.9524,
56.6763


 65.6560, 71.9971,
74.9379

 45.5021, 62.1645,
48.8208

 74.4272, 76.2965,
85.3917

 40.6913, 59.8353,
41.7819

 84.2167, 81.1018,
96.7541

 36.7524, 57.9389,
35.5330

 85.9469, 81.7939,
105.8656

■ 33.6292, 56.4471,
30.0459

■ 31.2588, 55.3279,
25.2904

■ 29.5680, 54.5443,
21.2346

■ 28.4672, 54.0507,
17.8436

■ 28.1378, 53.9062,
16.6837

Harmonies

Analogous

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



60.3653, 68.2197, 57.4386



57.9373, 68.2197, 65.3724



57.3254, 68.2197, 76.5158

Triad

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



57.9373, 68.2197, 65.3724



65.6170, 68.2197, 99.0227



71.4440, 68.2197, 61.9134

Complementary

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



57.9373, 68.2197, 65.3724



60.4840, 56.5186, 69.3525

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.



72.9859, 68.2197, 72.0875



57.9373, 68.2197, 65.3724



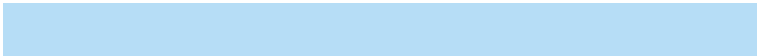
69.5321, 68.2197, 94.1275

Square

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



57.9373, 68.2197, 65.3724



61.6511, 68.2197, 96.7441



72.2720, 68.2197, 83.9613



68.1386, 68.2197, 55.5934

Rectangle

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



57.9373, 68.2197, 65.3724



58.0064, 68.2197, 84.4585



72.2720, 68.2197, 83.9613



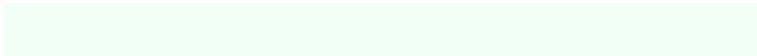
72.1919, 68.2197, 64.9534

Sweetspot

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



57.9392, 68.2226, 65.3739



89.2298, 97.1479, 101.9259



62.7140, 70.8534, 57.9486



18.9300, 20.7109, 21.6118



0.0000, 0.0000, 0.0000



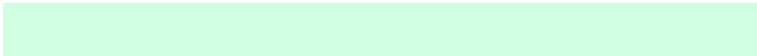
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9392, 68.2226, 65.3739



74.8271, 90.1049, 84.0007



60.1305, 69.0991, 76.9133



13.7323, 15.4186, 15.6254



16.4277, 31.3959, 9.9752



1.1805, 2.1929, 0.9119

Inverse Universe

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



60.4840, 56.5186, 69.3525



78.8040, 71.8119, 90.2163



58.3961, 55.6834, 58.3577



14.0740, 13.8472, 16.1599



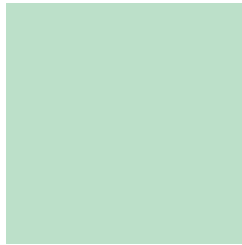
20.8412, 10.4035, 16.3611



1.4870, 0.7381, 1.3574

Previews

White Background



This preview shows how the XYZ color 57.9373, 68.2197, 65.3724 looks on a white background.

Color Contrast Check

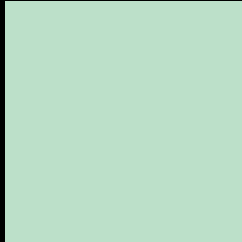
Large Text (above 18pt) WCAG AA × Fail

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 57.9373, 68.2197, 65.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

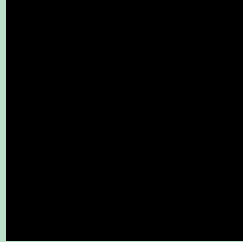
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9373, 68.2197, 65.3724

Background



This preview shows how black text looks on a background with the XYZ color 57.9373, 68.2197, 65.3724.



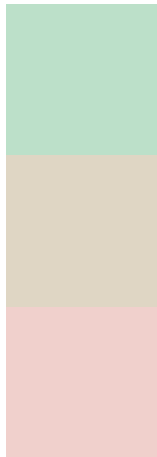
This preview shows how white text looks on a background with the XYZ color 57.9373, 68.2197,

65.3724.

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

57.9373, 68.2197, 65.3724

Protanopia

64.4418, 67.7666, 61.9084

Deuteranopia

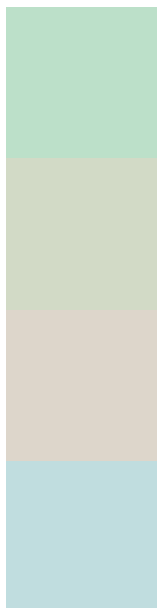
69.3901, 67.9966, 66.5942



Tritanopia

62.7200, 68.1885, 89.2129

Trichromacy



Original Color

57.9373, 68.2197, 65.3724

Protanomaly

61.8428, 67.9217, 63.2768

Deuteranomaly

64.6449, 67.7771, 66.1750

Tritanomaly

60.9140, 68.2471, 79.7745

Monochromacy



Original Color

57.9373, 68.2197, 65.3724

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.4470, 66.3132, 68.6453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9373, 68.2197, 65.3724 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, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(188, 224, 201)  
}
```

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, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 224, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.9373, 68.2197, 65.3724 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, 224, 201) }
```


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

```
.border{ border-color:rgb(188, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(188, 224,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9373, 68.2197, 65.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 224, 201) }
```

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

```
.background{ background-color: rgb(188,  
224, 201) }
```

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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