

Converting Colors

XYZ(58.7151, 70.0064, 73.2699)

Have a look what the booklet for
XYZ(58.7151, 70.0064, 73.2699)
contains.

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Color

**XYZ(58.8097, 70.1147,
73.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E4D5
RGB	181, 228, 213
RGB Percent	71%, 89%, 84%
CMY	0.2902, 0.1059, 0.1647
CMYK	0.21, 0.00, 0.07, 0.11
HSL	161°, 47%, 80%
HSV	161°, 21%, 89%
XYZ	58.8097, 70.1147, 73.3847
YIQ	212.2370, -23.1970, -14.6290

Conversions

Conversions Part 2

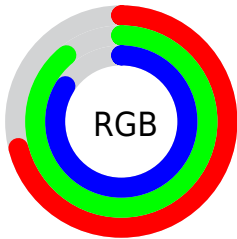
Format	Color
RYB	181, 209, 228
Decimal	11920597
CIELab	87.05, -18.13, 2.33
CIElCh	87, 18.280, 172.692
Yxy	70.1147, 0.2907, 0.3466
Android (android.graphics.Color)	4290110677 (0xFFB5E4D5)
YUV	212.2370, 0.3762, -27.3948
Hunter-Lab	83.7345, -21.1686, 6.6526

Details

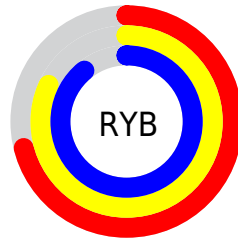
The XYZ color **58.8097, 70.1147, 73.3847** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.4851, 53.5290, 59.4772**, and the grayscale version is **62.7472, 66.0149, 71.8902**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.6765, 36.4857, 37.8261** is the 20% darker color. If you saturate the color by 10%, you get **52.9920, 67.2218, 68.3990**, and if you desaturate by 10%, it is **65.5478, 73.4810, 78.6329**.

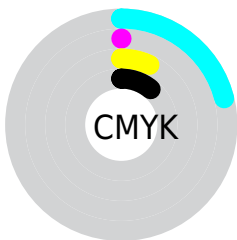
Distribution



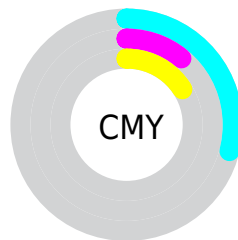
- Red (71%)
- Green (89%)
- Blue (84%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8097, 70.1147, 73.3847 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 58.8097, 70.1147, 73.3847 by changing the saturation by 10% instead.

■ 58.8097, 70.1147,
73.3847

■ 58.8097, 70.1147,
73.3847

410.1017,
460.9526, 491.4535

■ 42.7057, 51.6201,
53.7968

■ 102.2172,
119.3723, 125.7492

■ 29.8478, 36.7023,
38.0472

130.2515,
150.9041, 159.3629

■ 19.8706, 24.9771,
25.7172

162.9933,
187.5503, 198.4889

■ 12.4087, 16.0600,
16.3883

200.8079,
229.6954, 243.5459

■ 7.0969, 9.5666,
9.6420

244.0607,
277.7238, 294.9523

■ 3.5696, 5.1126,
5.0598

293.1170,

■ 1.4617, 2.3135,

332.0199, 353.1266

2.2230

348.3422,
392.9680, 418.4876

■ 0.2995, 0.7808,
0.6876

■ 0.0000, 0.0000,
0.0000

■ 58.8097, 70.1147,
73.3847

■ 58.8097, 70.1147,
73.3847

■ 52.9920, 67.2218,
68.3990

■ 65.5478, 73.4810,
78.6329

■ 48.0456, 64.7715,
63.6661

■ 73.2403, 77.3327,
84.1435

■ 43.9260, 62.7427,
59.1828

■ 81.9271, 81.6920,
89.9225

■ 40.5820, 61.1092,
54.9436

■ 85.0287, 83.1670,
95.6647

■ 37.9567, 59.8416,
50.9429

■ 86.1446, 83.6134,
101.5410

■ 35.9849, 58.9065,
47.1747

■ 87.0347, 83.9694,
106.2282

■ 34.5892, 58.2639,
43.6321

■ 33.6802, 57.8636,
40.5040

Harmonies

Analogous

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



60.3096, 70.1147, 62.9333



58.8097, 70.1147, 73.3847



59.3357, 70.1147, 85.7987

Triad

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



58.8097, 70.1147, 73.3847



69.8666, 70.1147, 100.2111



71.7541, 70.1147, 59.0928

Complementary

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



58.8097, 70.1147, 73.3847



58.4851, 53.5290, 59.4772

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.



74.5245, 70.1147, 67.6088



58.8097, 70.1147, 73.3847



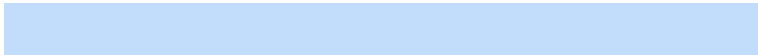
73.4026, 70.1147, 91.5338

Square

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



58.8097, 70.1147, 73.3847



65.6008, 70.1147, 102.1811



75.1404, 70.1147, 79.3797



67.6940, 70.1147, 55.2750

Rectangle

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



58.8097, 70.1147, 73.3847



60.7756, 70.1147, 93.4608



75.1404, 70.1147, 79.3797



72.8741, 70.1147, 61.4544

Sweetspot

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



58.8117, 70.1176, 73.3863



88.8670, 96.9022, 104.5583



59.0249, 70.6515, 54.2432



18.8831, 20.6719, 22.2802



0.0000, 0.0000, 0.0000



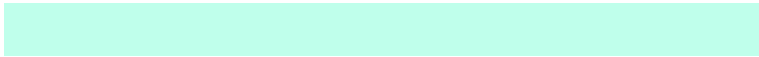
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8117, 70.1176, 73.3863



72.2538, 88.6068, 91.6281



58.6989, 66.7019, 83.1833



14.6014, 16.2540, 17.4319



19.5035, 33.4335, 23.6834



1.4831, 2.4874, 1.9704

Inverse Universe

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



58.4851, 53.5290, 59.4772



71.7585, 63.3640, 70.4706



58.4994, 56.1556, 51.4730



14.5656, 14.4434, 15.9129



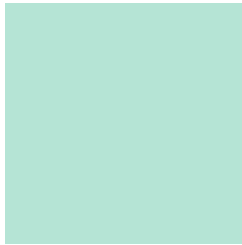
19.2130, 9.8194, 4.7505



1.4609, 0.7421, 0.5674

Previews

White Background



This preview shows how the XYZ color 58.8097, 70.1147, 73.3847 looks on a white background.

Color Contrast Check

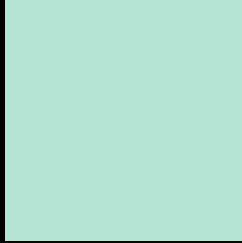
Large Text (above 18pt) WCAG AA × Fail

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 58.8097, 70.1147, 73.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

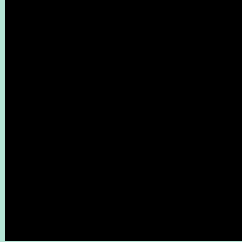
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

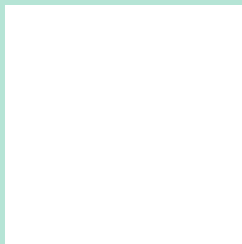
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8097, 70.1147, 73.3847

Background



This preview shows how black text looks on a background with the XYZ color 58.8097, 70.1147, 73.3847.

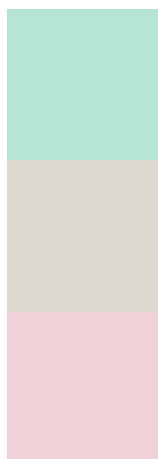


This preview shows how white text looks on a background with the XYZ color 58.8097, 70.1147,

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

58.8097, 70.1147, 73.3847

Protanopia

66.8158, 69.9780, 69.0170

Deuteranopia

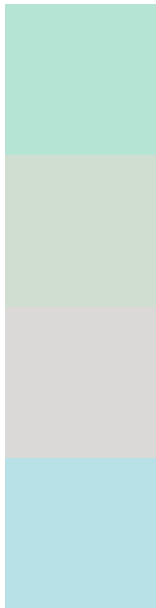
71.1676, 69.4537, 75.3006



Tritanopia

62.9324, 70.1612, 94.2300

Trichromacy



Original Color

58.8097, 70.1147, 73.3847

Protanomaly

63.3775, 69.7262, 70.4398

Deuteranomaly

66.1210, 69.4890, 74.8935

Tritanomaly

61.1162, 69.8103, 85.8549

Monochromacy



Original Color

58.8097, 70.1147, 73.3847

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.0425, 67.3138, 72.0629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8097, 70.1147, 73.3847 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(181, 228, 213)` looks like.

```
.text, #text, p{  
    color:rgb(181, 228, 213)  
}
```

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(181, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 228, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.8097, 70.1147, 73.3847 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(181, 228, 213) }
```


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

```
.border{ border-color:rgb(181, 228, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 228, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 228, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 228, 213);  
box-shadow:4px 4px 4px 4px rgb(181, 228,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8097, 70.1147, 73.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 228, 213) }
```

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

```
.background{ background-color: rgb(181,  
228, 213) }
```

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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