

Converting Colors

XYZ(58.1133, 68.5466, 71.2959)

Have a look what the booklet for
XYZ(58.1133, 68.5466, 71.2959)
contains.

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Color

**XYZ(58.0865, 68.5709,
71.1468)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E1D2
RGB	183, 225, 210
RGB Percent	72%, 88%, 82%
CMY	0.2823, 0.1176, 0.1765
CMYK	0.19, 0.00, 0.07, 0.12
HSL	159°, 41%, 80%
HSV	159°, 19%, 88%
XYZ	58.0865, 68.5709, 71.1468
YIQ	210.7320, -20.2170, -13.5690

Conversions

Conversions Part 2

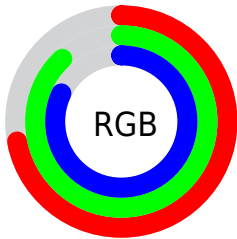
Format	Color
RYB	183, 209, 225
Decimal	12050898
CIELab	86.29, -16.60, 2.81
CIELCh	86, 16.838, 170.384
Yxy	68.5709, 0.2937, 0.3467
Android (android.graphics.Color)	4290240978 (0xFFB7E1D2)
YUV	210.7320, -0.3609, -24.3210
Hunter-Lab	82.8075, -19.7019, 7.0244

Details

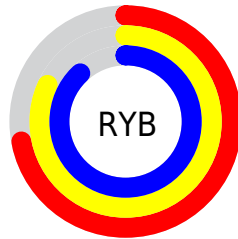
The XYZ color **58.0865, 68.5709, 71.1468** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.1803, 53.9534, 60.7766**, and the grayscale version is **61.7535, 64.9695, 70.7518**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **29.4287, 35.8169, 36.8148** is the 20% darker color. If you saturate the color by 10%, you get **52.1806, 65.6410, 65.7750**, and if you desaturate by 10%, it is **64.9021, 71.9677, 76.8266**.

Distribution



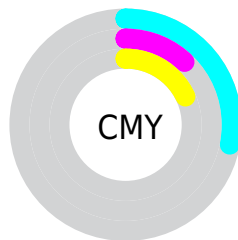
- Red (72%)
- Green (88%)
- Blue (82%)



- Red (72%)
- Yellow (82%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0865, 68.5709, 71.1468 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 58.0865, 68.5709, 71.1468 by changing the saturation by 10% instead.

■ 58.0865, 68.5709,
71.1468

■ 58.0865, 68.5709,
71.1468

407.4568,
455.5161, 483.4639

■ 42.1217, 50.3623,
51.9794

■ 101.1711,
117.1685, 122.5391

■ 29.3881, 35.7014,
36.6066

129.0215,
148.3263, 155.6012

■ 19.5204, 24.2037,
24.6096

161.5646,
184.5693, 194.1319

■ 12.1531, 15.4848,
15.5701

199.1657,
226.2819, 238.5498

■ 6.9210, 9.1603,
9.0694

242.1901,
273.8485, 289.2734

■ 3.4586, 4.8459,
4.6890


291.0032,

■ 1.4007, 2.1571,


327.6534, 346.7212


2.0105


345.9703,
388.0812, 411.3119


 0.2567, 0.6965,
0.5617


 0.0000, 0.0000,
0.0000


 58.0865, 68.5709,
71.1468


 58.0865, 68.5709,
71.1468


 52.1806, 65.6410,
65.7750


 64.9021, 71.9677,
76.8266


 47.1374, 63.1482,
60.7008

 72.6601, 75.8426,
82.8154

 42.9140, 61.0724,
55.9198

 81.3989, 80.2171,
89.1200

 39.4619, 59.3887,
51.4258

 84.2160, 81.5328,
95.4210

■ 36.7268, 58.0691,
47.2121

■ 85.4511, 82.0269,
101.9250

■ 34.6474, 57.0822,
43.2717

■ 86.2165, 82.3330,
105.9555

■ 33.1511, 56.3906,
39.5969

■ 32.1295, 55.9386,
36.1781

■ 32.0092, 55.8861,
35.7408

Harmonies

Analogous

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



59.5902, 68.5709, 61.8401



58.0865, 68.5709, 71.1468



58.4230, 68.5709, 82.3609

Triad

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



58.0865, 68.5709, 71.1468



67.8101, 68.5709, 96.5543



70.0525, 68.5709, 59.3709

Complementary

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



58.0865, 68.5709, 71.1468



58.1803, 53.9534, 60.7766

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.



72.4272, 68.5709, 67.4586



58.0865, 68.5709, 71.1468



71.0973, 68.5709, 89.1441

Square

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



58.0865, 68.5709, 71.1468



63.9353, 68.5709, 97.7925



72.8170, 68.5709, 78.2912



66.4298, 68.5709, 55.5008

Rectangle

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



58.0865, 68.5709, 71.1468



59.6509, 68.5709, 89.3917



72.8170, 68.5709, 78.2912



71.0291, 68.5709, 61.6464

Sweetspot

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



58.0884, 68.5738, 71.1483



88.7759, 96.8658, 104.0786



58.8690, 69.3326, 55.0805



18.8615, 20.6633, 22.1667



0.0000, 0.0000, 0.0000



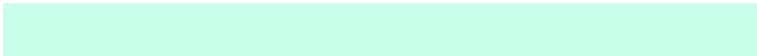
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0884, 68.5738, 71.1483



74.2765, 89.6444, 91.9565



58.5573, 66.3783, 80.9636



13.8979, 15.4849, 16.4975



18.5019, 32.2256, 20.8980



1.3247, 2.2506, 1.6709

Inverse Universe

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



58.1803, 53.9534, 60.7766



74.4185, 67.1721, 76.0186



57.7124, 55.6515, 52.5007



13.9085, 13.7810, 15.2882



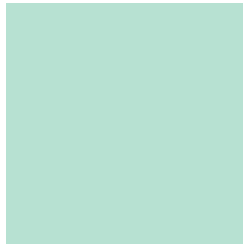
18.7861, 9.5815, 5.5396



1.3438, 0.6808, 0.6035

Previews

White Background



This preview shows how the XYZ color 58.0865, 68.5709, 71.1468 looks on a white background.

Color Contrast Check

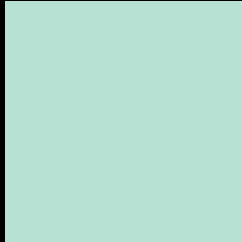
Large Text (above 18pt) WCAG AA × Fail

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 58.0865, 68.5709, 71.1468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

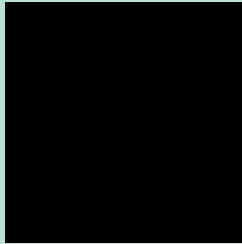
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

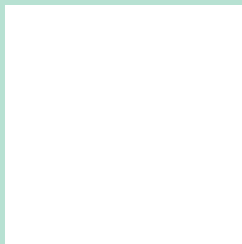
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0865, 68.5709, 71.1468

Background



This preview shows how black text looks on a background with the XYZ color 58.0865, 68.5709, 71.1468.



This preview shows how white text looks on a background with the XYZ color 58.0865, 68.5709,

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

58.0865, 68.5709, 71.1468

Protanopia

65.0699, 67.9824, 66.8191

Deuteranopia

69.4912, 67.9204, 72.3982



Tritanopia

62.0281, 68.5773, 90.8564

Trichromacy



Original Color

58.0865, 68.5709, 71.1468

Protanomaly

62.2244, 68.0089, 68.2400

Deuteranomaly

64.5455, 67.5983, 71.9332

Tritanomaly

60.3746, 68.2831, 83.3967

Monochromacy



Original Color

58.0865, 68.5709, 71.1468

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.4011, 66.2324, 71.2287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0865, 68.5709, 71.1468 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(183, 225, 210)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 210)  
}
```

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(183, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.0865, 68.5709, 71.1468 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(183, 225, 210) }
```


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

```
.border{ border-color:rgb(183, 225, 210) }
```

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

Here you see how a box with a 4 pixel rgb(183, 225, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 210);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0865, 68.5709, 71.1468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 210) }
```

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

```
.background{ background-color: rgb(183,  
225, 210) }
```

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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