

Converting Colors

XYZ(58.8446, 73.3743, 60.3194)

Have a look what the booklet for
XYZ(58.8446, 73.3743, 60.3194)
contains.

XYZ(58.8795, 73.3686, 60.3485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.8795, 73.3686,
60.3485)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EBBF
RGB	184, 235, 191
RGB Percent	72%, 92%, 75%
CMY	0.2784, 0.0784, 0.2510
CMYK	0.22, 0.00, 0.19, 0.08
HSL	128°, 56%, 82%
HSV	128°, 22%, 92%
XYZ	58.8795, 73.3686, 60.3485
YIQ	214.7350, -16.2720, -24.4960

Conversions

Conversions Part 2

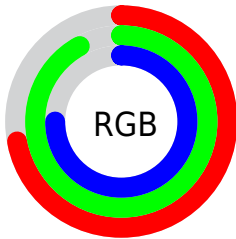
Format	Color
RYB	184, 229, 235
Decimal	12118975
CIELab	88.62, -24.73, 16.10
CIELCh	89, 29.510, 146.936
Yxy	73.3686, 0.3057, 0.3809
Android (android.graphics.Color)	4290309055 (0xFFB8EBBF)
YUV	214.7350, -11.7014, -26.9546
Hunter-Lab	85.6555, -27.1963, 18.1861

Details

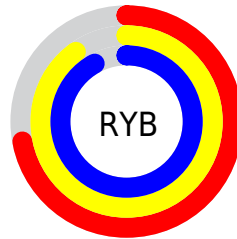
The XYZ color **58.8795, 73.3686, 60.3485** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4076, 57.5463, 81.0623**, and the grayscale version is **64.4982, 67.8572, 73.8964**.

A 20% lighter version of the original color is **88.8241, 96.9362, 102.0247**, and **29.8414, 38.7922, 29.5817** is the 20% darker color. If you saturate the color by 10%, you get **51.6320, 69.8747, 49.1577**, and if you desaturate by 10%, it is **67.3750, 77.4744, 73.2132**.

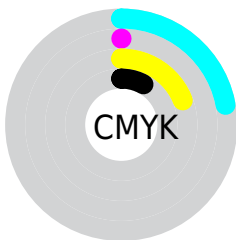
Distribution



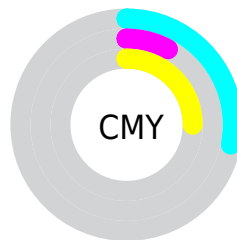
- Red (72%)
- Green (92%)
- Blue (75%)



- Red (72%)
- Yellow (90%)
- Blue (92%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)





- Cyan (28%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8795, 73.3686, 60.3485 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 58.8795, 73.3686, 60.3485 by changing the saturation by 10% instead.


 58.8795, 73.3686,
60.3485

 58.8795, 73.3686,
60.3485


410.3564,
472.2913, 443.7214

 42.7621, 54.2774,
43.2725


 102.3181,
124.0003, 106.8834

 29.8922, 38.8235,
29.7660


130.3701,
156.3097, 137.1793

 19.9045, 26.6224,
19.4105


163.1310,
193.7939, 172.7189

 12.4335, 17.2899,
11.7874

200.9661,
236.8373, 213.9207

 7.1139, 10.4414,
6.4783

244.2409,
285.8244, 261.2034

 3.5804, 5.6926,
3.0646


293.3206,


 1.4676, 2.6591,


341.1395, 314.9853


1.1277


348.5707,
403.1670, 375.6852


 0.3036, 0.9564,
0.0000

 0.0000, 0.0000,
0.0000


 58.8795, 73.3686,
60.3485

 58.8795, 73.3686,
60.3485


 51.6320, 69.8747,
49.1577


 67.3750, 77.4744,
73.2132

 45.5679, 66.9545,
39.5672

 77.1675, 82.2096,
87.8115

 40.6255, 64.5799,
31.5055

 88.3104, 87.6027,
104.2062

 36.7353, 62.7168,
24.8933

 88.9997, 87.8995,
106.8832

■ 33.8199, 61.3270,
19.6447

■ 31.7911, 60.3671,
15.6642

■ 30.5441, 59.7854,
12.8442

■ 29.9739, 59.5252,
11.2945

Harmonies

Analogous

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



63.7152, 73.3686, 49.7831



58.8795, 73.3686, 60.3485



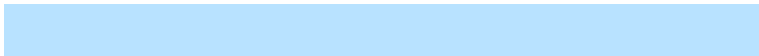
56.9384, 73.3686, 77.8088

Triad

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



58.8795, 73.3686, 60.3485



69.0056, 73.3686, 125.7798



82.6649, 73.3686, 63.4092

Complementary

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



58.8795, 73.3686, 60.3485



65.4076, 57.5463, 81.0623

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.



84.3174, 73.3686, 81.9997



58.8795, 73.3686, 60.3485



76.1217, 73.3686, 120.1841

Square

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



58.8795, 73.3686, 60.3485



62.5295, 73.3686, 117.4539



81.8482, 73.3686, 103.2415



77.4731, 73.3686, 51.3275

Rectangle

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



58.8795, 73.3686, 60.3485



57.4414, 73.3686, 91.8600



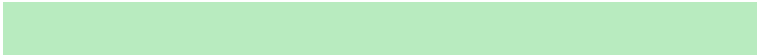
81.8482, 73.3686, 103.2415



83.6675, 73.3686, 69.0004

Sweetspot

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



58.8815, 73.3717, 60.3501



86.4040, 95.8179, 96.0676



70.4215, 79.4077, 56.9639



18.3424, 20.4357, 20.3362



0.0000, 0.0000, 0.0000



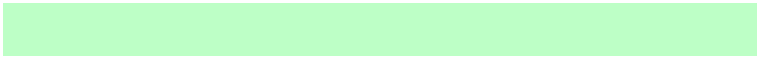
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8815, 73.3717, 60.3501



66.8419, 86.3685, 66.4530



61.9113, 74.5836, 76.3048



14.9525, 16.8958, 16.4328



16.7079, 33.1376, 6.4268



1.3386, 2.6127, 0.6448

Inverse Universe

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



65.4076, 57.5463, 81.0623



75.9923, 64.1739, 95.4900



62.1475, 56.2423, 63.8947



15.6207, 15.2761, 18.5539



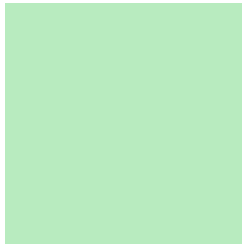
25.0855, 12.2369, 32.5813



1.9944, 0.9707, 2.6877

Previews

White Background



This preview shows how the XYZ color 58.8795, 73.3686, 60.3485 looks on a white background.

Color Contrast Check

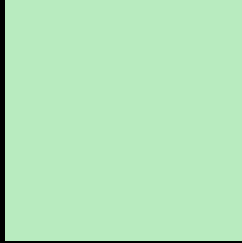
Large Text (above 18pt) WCAG AA × Fail

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 58.8795, 73.3686, 60.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

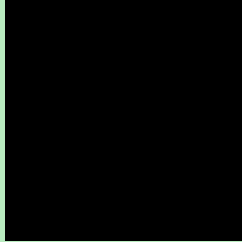
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8795, 73.3686, 60.3485

Background



This preview shows how black text looks on a background with the XYZ color 58.8795, 73.3686, 60.3485.

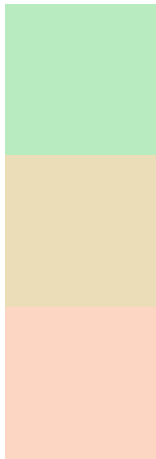


This preview shows how white text looks on a background with the XYZ color 58.8795, 73.3686, 60.3485.

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

58.8795, 73.3686, 60.3485

Protanopia

68.4399, 72.6660, 55.7662

Deuteranopia

74.4049, 72.9159, 61.7824



Tritanopia

66.3518, 73.0613, 97.7939

Trichromacy



Original Color

58.8795, 73.3686, 60.3485

Protanomaly

64.4849, 72.5795, 57.6242

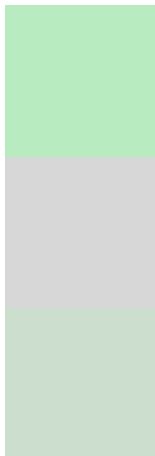
Deuteranomaly

67.8538, 72.6316, 61.4820

Tritanomaly

63.2595, 73.0318, 82.7139

Monochromacy



Original Color

58.8795, 73.3686, 60.3485

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.1637, 69.5362, 68.5380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8795, 73.3686, 60.3485 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(184, 235, 191)` looks like.

```
.text, #text, p{  
    color:rgb(184, 235, 191)  
}
```

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(184, 235, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 235, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.8795, 73.3686, 60.3485 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(184, 235, 191) }
```


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

```
.border{ border-color:rgb(184, 235, 191) }
```

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

Here you see how a box with a 4 pixel rgb(184, 235, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 235, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 235, 191);  
box-shadow:4px 4px 4px 4px rgb(184, 235,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8795, 73.3686, 60.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 235, 191) }
```

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

```
.background{ background-color: rgb(184,  
235, 191) }
```

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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