

Converting Colors

XYZ(59.8555, 76.0268, 60.8101)

Have a look what the booklet for
XYZ(59.8555, 76.0268, 60.8101)
contains.

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Color

**XYZ(59.8555, 76.0268,
60.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F0BF
RGB	182, 240, 191
RGB Percent	71%, 94%, 75%
CMY	0.2863, 0.0588, 0.2510
CMYK	0.24, 0.00, 0.20, 0.06
HSL	129°, 66%, 83%
HSV	129°, 24%, 94%
XYZ	59.8555, 76.0268, 60.8101
YIQ	217.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

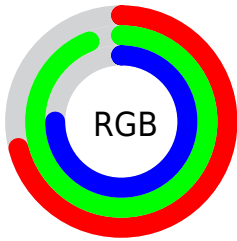
Format	Color
RYB	182, 232, 240
Decimal	11989183
CIELab	89.87, -27.77, 17.83
CIELCh	90, 33.004, 147.291
Yxy	76.0268, 0.3043, 0.3865
Android (android.graphics.Color)	4290179263 (0xFFB6F0BF)
YUV	217.0720, -12.8535, -30.7581
Hunter-Lab	87.1933, -30.0537, 19.6855

Details

The XYZ color **59.8555, 76.0268, 60.8101** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.0896, 57.7525, 83.2161**, and the grayscale version is **66.0990, 69.5413, 75.7304**.

A 20% lighter version of the original color is **88.1451, 96.5861, 101.9929**, and **30.5579, 40.6763, 29.9077** is the 20% darker color. If you saturate the color by 10%, you get **52.5869, 72.5221, 49.6176**, and if you desaturate by 10%, it is **68.4086, 80.1623, 73.6785**.

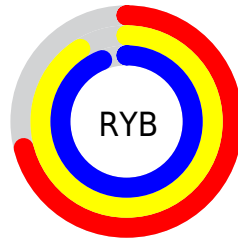
Distribution



Red (71%)

Green (94%)

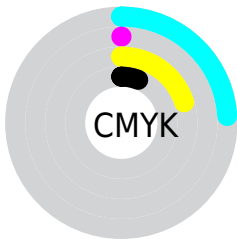
Blue (75%)



Red (71%)

Yellow (91%)

Blue (94%)

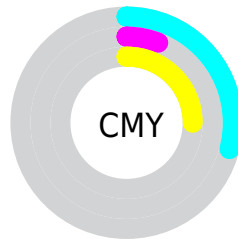


Cyan (24%)

Magenta (0%)

Yellow (20%)

Black (6%)



Cyan (29%)


Magenta (6%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8555, 76.0268, 60.8101 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 59.8555, 76.0268, 60.8101 by changing the saturation by 10% instead.

 59.8555, 76.0268,
60.8101

 59.8555, 76.0268,
60.8101


413.9082,
481.4394, 445.4646

 43.5512, 56.4545,
43.6424


 103.7276,
127.7648, 107.5588

 30.5142, 40.5674,
30.0543


132.0260,
160.6993, 137.9768

 20.3792, 27.9812,
19.6274


165.0532,
198.8566, 173.6487

 12.7809, 18.3115,
11.9431

203.1746,
242.6211, 214.9929

 7.3538, 11.1739,
6.5829

246.7554,
292.3772, 262.4281

 3.7326, 6.1839,
3.1282


296.1610,


 1.5520, 2.9572,


348.5094, 316.3728


1.1605


351.7569,
411.4020, 377.2454


 0.3608, 1.1094,
0.0000


 0.0000, 0.0000,
0.0000


 59.8555, 76.0268,
60.8101


 59.8555, 76.0268,
60.8101

 52.5869, 72.5221,
49.6176


 68.4086, 80.1623,
73.6785


 46.5344, 69.6079,
40.0272

 78.2978, 84.9474,
88.2825

 41.6328, 67.2544,
31.9671

 89.5797, 90.4120,
104.6852

 37.8081, 65.4250,
25.3579

 90.4515, 90.8030,
107.3672

■ 34.9774, 64.0789,
20.1132

■ 33.0457, 63.1690,
16.1375

■ 31.8984, 62.6387,
13.3224

■ 31.4992, 62.4581,
12.1656

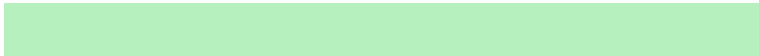
Harmonies

Analogous

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



65.3082, 76.0268, 48.9450



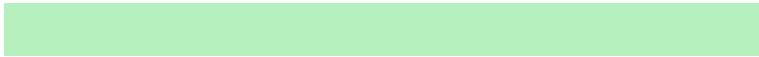
59.8555, 76.0268, 60.8101



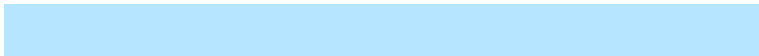
57.7045, 76.0268, 80.6762

Triad

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



59.8555, 76.0268, 60.8101



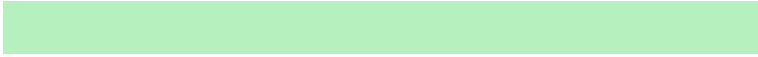
71.5227, 76.0268, 136.2198



87.1091, 76.0268, 63.8519

Complementary

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



59.8555, 76.0268, 60.8101



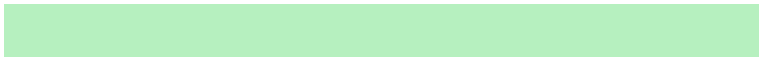
67.0896, 57.7525, 83.2161

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.



89.0807, 76.0268, 84.9206



59.8555, 76.0268, 60.8101



79.6909, 76.0268, 129.4390

Square

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



59.8555, 76.0268, 60.8101



64.1158, 76.0268, 126.6012



86.2725, 76.0268, 109.4917



81.0687, 76.0268, 50.4552

Rectangle

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



59.8555, 76.0268, 60.8101



58.3013, 76.0268, 96.8563



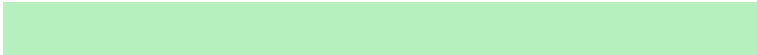
86.2725, 76.0268, 109.4917



88.2885, 76.0268, 70.1386

Sweetspot

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



59.8575, 76.0300, 60.8118



86.4514, 95.8369, 96.3175



72.6585, 82.7401, 56.3979



18.3533, 20.4400, 20.3938



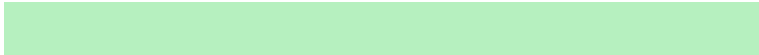
0.0000, 0.0000, 0.0000



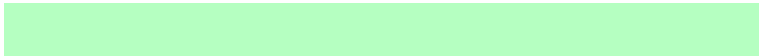
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8575, 76.0300, 60.8118



64.4005, 85.1789, 63.2214



63.3324, 77.4200, 79.1102



15.6659, 17.6964, 17.2634



17.2730, 34.2012, 6.8206



1.4667, 2.8571, 0.7241

Inverse Universe

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



67.0896, 57.7525, 83.2161



74.0312, 60.8309, 93.0503



63.3617, 56.2614, 63.5853



16.3427, 15.9868, 19.3609



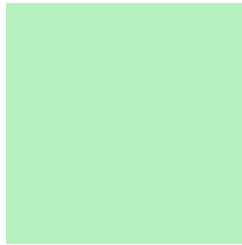
25.5972, 12.5113, 32.1252



2.1576, 1.0521, 2.8207

Previews

White Background



This preview shows how the XYZ color 59.8555, 76.0268, 60.8101 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 59.8555, 76.0268, 60.8101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

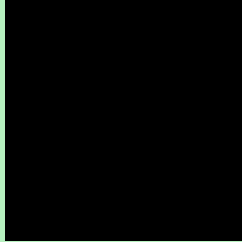
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8555, 76.0268, 60.8101

Background



This preview shows how black text looks on a background with the XYZ color 59.8555, 76.0268, 60.8101.



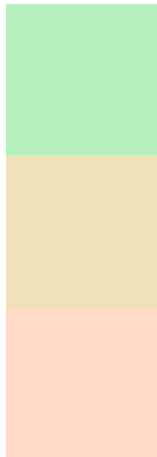
This preview shows how white text looks on a background with the XYZ color 59.8555, 76.0268,

60.8101.

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

59.8555, 76.0268, 60.8101

Protanopia

71.1735, 75.6618, 56.2003

Deuteranopia

76.6202, 75.5263, 64.5725



Tritanopia

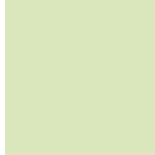
68.1043, 75.9528, 101.5134

Trichromacy



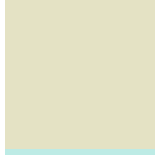
Original Color

59.8555, 76.0268, 60.8101



Protanomaly

66.1799, 75.0869, 58.0189



Deuteranomaly

69.1551, 74.8722, 63.0315



Tritanomaly

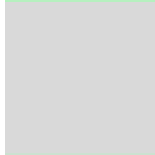
64.8375, 75.8926, 85.3602

Monochromacy



Original Color

59.8555, 76.0268, 60.8101



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.2122, 71.2419, 70.0939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8555, 76.0268, 60.8101 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(182, 240, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 240, 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(182, 240, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 240, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.8555, 76.0268, 60.8101 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(182, 240, 191) }
```


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

```
.border{ border-color:rgb(182, 240, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 240, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 240, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 240, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 240,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8555, 76.0268, 60.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 240, 191) }
```

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

```
.background{ background-color: rgb(182,  
240, 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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