

Converting Colors

XYZ(61.3354, 79.8991, 55.9064)

Have a look what the booklet for
XYZ(61.3354, 79.8991, 55.9064)
contains.

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Color

**XYZ(61.3684, 80.0481,
55.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F7B5
RGB	184, 247, 181
RGB Percent	72%, 97%, 71%
CMY	0.2784, 0.0314, 0.2902
CMYK	0.26, 0.00, 0.27, 0.03
HSL	117°, 80%, 84%
HSV	117°, 27%, 97%
XYZ	61.3684, 80.0481, 55.9324
YIQ	220.6390, -16.3620, -33.8820

Conversions

Conversions Part 2

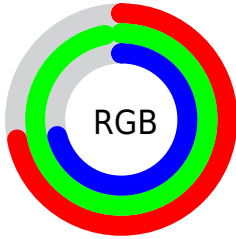
Format	Color
RYB	181, 247, 244
Decimal	12122037
CIELab	91.71, -32.10, 25.52
CIELCh	92, 41.009, 141.508
Yxy	80.0481, 0.3110, 0.4056
Android (android.graphics.Color)	4290312117 (0xFFB8F7B5)
YUV	220.6390, -19.5420, -32.1324
Hunter-Lab	89.4696, -34.1363, 25.5633

Details

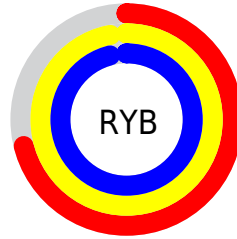
The XYZ color **61.3684, 80.0481, 55.9324** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.6241, 58.9986, 95.6655**, and the grayscale version is **68.6167, 72.1901, 78.6150**.

A 20% lighter version of the original color is **87.3217, 96.3352, 94.1130**, and **31.3630, 43.0526, 27.0790** is the 20% darker color. If you saturate the color by 10%, you get **53.8706, 76.4525, 43.5041**, and if you desaturate by 10%, it is **70.2611, 84.3155, 70.7747**.

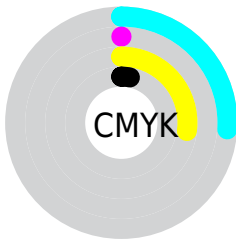
Distribution



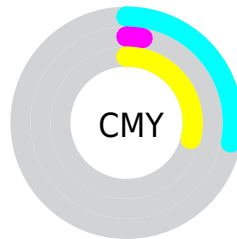
- Red (72%)
- Green (97%)
- Blue (71%)



- Red (71%)
- Yellow (97%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)



- Cyan (28%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3684, 80.0481, 55.9324 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 61.3684, 80.0481, 55.9324 by changing the saturation by 10% instead.

61.3684, 80.0481,
55.9324

61.3684, 80.0481,
55.9324

419.3778,
495.0949, 426.8178

44.7762, 59.7579,
39.7451

105.9073,
133.4334, 100.3905

31.4817, 43.2236,
27.0276

134.5847,
167.2972, 129.4985

21.1196, 30.0606,
17.3613

168.0212,
206.4545, 163.7503

13.3244, 19.8846,
10.3278

206.5821,
251.2895, 203.5647

7.7308, 12.3112,
5.5084

250.6329,
302.1866, 249.3601

3.9736, 6.9560,
2.4846

300.5389,

1.6872, 3.4346,

359.5303, 301.5550

0.8320

356.6654,
423.7050, 360.5681

0.4482, 1.3626,
0.0000

0.0000, 0.1889,
0.0000

61.3684, 80.0481,
55.9324

61.3684, 80.0481,
55.9324

53.8706, 76.4525,
43.5041

70.2611, 84.3155,
70.7747

47.6910, 73.4850,
33.3574

80.6079, 89.2758,
88.1436

42.7553, 71.1126,
25.3552

92.4552, 94.9547,
108.0629

38.9791, 69.2950,
19.3435

92.5524, 95.0047,
108.0675

■ 36.2676, 67.9872,
15.1479

■ 34.5108, 67.1369,
12.5640

■ 33.5744, 66.6805,
11.3336

■ 33.4033, 66.5974,
11.0941

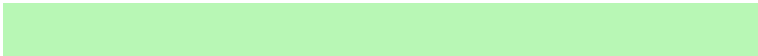
Harmonies

Analogous

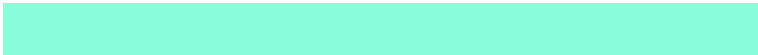
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.9281, 80.0481, 43.7181



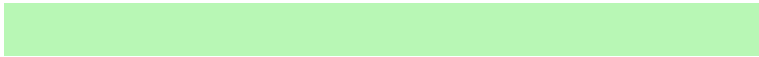
61.3684, 80.0481, 55.9324



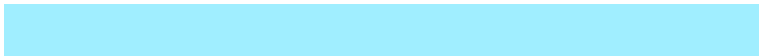
57.8335, 80.0481, 78.9065

Triad

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



61.3684, 80.0481, 55.9324



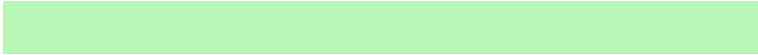
73.1445, 80.0481, 157.6507



96.4255, 80.0481, 67.6564

Complementary

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



61.3684, 80.0481, 55.9324



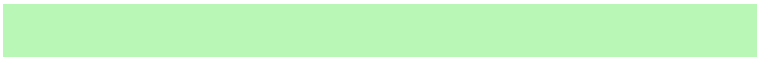
70.6241, 58.9986, 95.6655

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.



97.8174, 80.0481, 95.9673



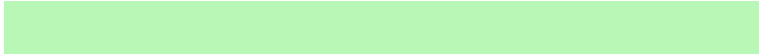
61.3684, 80.0481, 55.9324



83.7173, 80.0481, 152.6750

Square

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



61.3684, 80.0481, 55.9324



64.2114, 80.0481, 140.6158



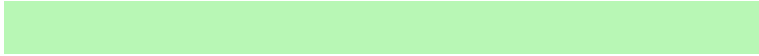
92.9804, 80.0481, 128.2651



89.3351, 80.0481, 49.3254

Rectangle

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



61.3684, 80.0481, 55.9324



57.9871, 80.0481, 99.1934



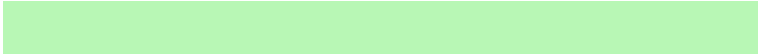
92.9804, 80.0481, 128.2651



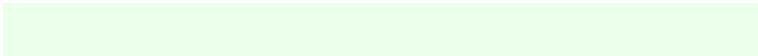
97.5998, 80.0481, 76.1391

Sweetspot

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



61.3705, 80.0515, 55.9342



85.1328, 95.2470, 92.1921



78.9624, 87.6354, 56.4708



17.8479, 20.2075, 19.1041



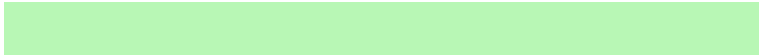
0.0000, 0.0000, 0.0000



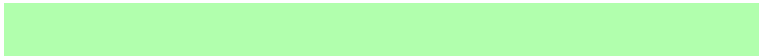
20.3446, 21.4041, 23.3091

Same Dimension

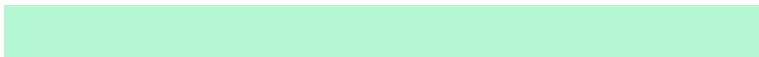
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3705, 80.0515, 55.9342



61.4975, 83.9124, 52.6938



64.0397, 81.0371, 73.6998



16.3518, 18.5079, 17.5081



17.6964, 35.2356, 5.8685



1.5794, 3.1093, 0.5169

Inverse Universe

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



70.6241, 58.9986, 95.6655



72.9595, 57.8244, 101.9236



67.4479, 57.8493, 73.4642



17.1349, 16.7277, 20.8682



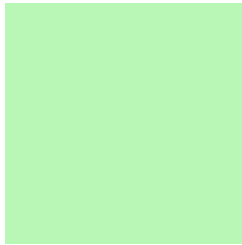
27.1685, 12.9802, 47.6115



2.4104, 1.1525, 4.1856

Previews

White Background



This preview shows how the XYZ color 61.3684, 80.0481, 55.9324 looks on a white background.

Color Contrast Check

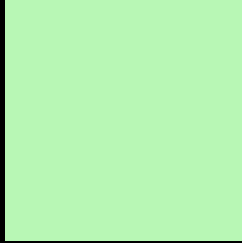
Large Text (above 18pt) WCAG AA × Fail

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 61.3684, 80.0481, 55.9324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

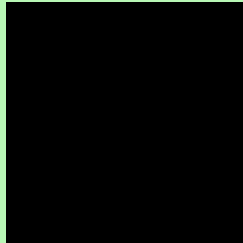
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

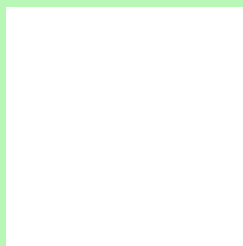
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3684, 80.0481, 55.9324

Background



This preview shows how black text looks on a background with the XYZ color 61.3684, 80.0481, 55.9324.

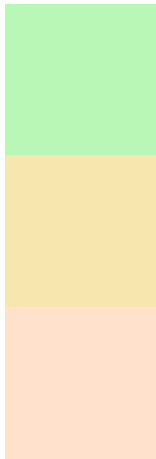


This preview shows how white text looks on a background with the XYZ color 61.3684, 80.0481,

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

61.3684, 80.0481, 55.9324

Protanopia

74.1974, 79.3849, 50.9474

Deuteranopia

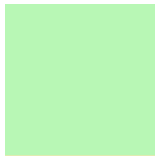
79.0643, 79.4701, 68.2989



Tritanopia

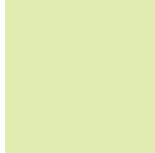
71.8874, 79.9305, 106.2470

Trichromacy



Original Color

61.3684, 80.0481, 55.9324



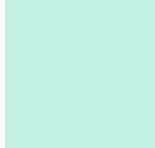
Protanomaly

68.5724, 78.9728, 52.7034



Deuteranomaly

71.4158, 78.9214, 63.6939



Tritanomaly

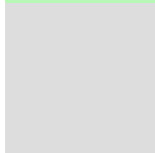
67.7070, 79.9814, 85.2682

Monochromacy



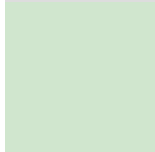
Original Color

61.3684, 80.0481, 55.9324



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.4498, 74.4598, 69.3151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3684, 80.0481, 55.9324 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, 247, 181)` looks like.

```
.text, #text, p{  
    color:rgb(184, 247, 181)  
}
```

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, 247, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 247, 181) }
```

Border

The CSS property to change the border of an element to XYZ 61.3684, 80.0481, 55.9324 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, 247, 181) }
```


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

```
.border{ border-color:rgb(184, 247, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 247, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 247, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 247, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 247,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3684, 80.0481, 55.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 247, 181) }
```

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

```
.background{ background-color: rgb(184,  
247, 181) }
```

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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