

Converting Colors

XYZ(63.3773, 84.4822, 58.6624)

Have a look what the booklet for
XYZ(63.3773, 84.4822, 58.6624)
contains.

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Color

**XYZ(63.2548, 84.2102,
58.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FEB9
RGB	181, 254, 185
RGB Percent	71%, 100%, 73%
CMY	0.2902, 0.0039, 0.2745
CMYK	0.29, 0.00, 0.27, 0.00
HSL	123°, 97%, 85%
HSV	123°, 29%, 100%
XYZ	63.2548, 84.2102, 58.8192
YIQ	224.3070, -21.3590, -36.9350

Conversions

Conversions Part 2

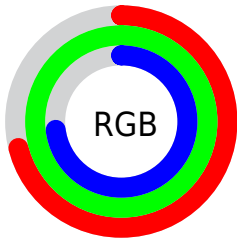
Format	Color
RYB	181, 250, 254
Decimal	11927225
CIELab	93.54, -35.62, 25.98
CIElCh	94, 44.092, 143.899
Yxy	84.2102, 0.3066, 0.4082
Android (android.graphics.Color)	4290117305 (0xFFB5FEB9)
YUV	224.3070, -19.3784, -37.9802
Hunter-Lab	91.7661, -37.5498, 26.2333

Details

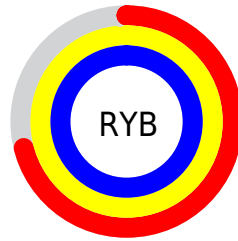
The XYZ color **63.2548, 84.2102, 58.8192** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74.6551, 61.0224, 98.2897**, and the grayscale version is **71.2182, 74.9271, 81.5956**.

A 20% lighter version of the original color is **86.8971, 96.0480, 97.1782**, and **32.7353, 46.0341, 28.9899** is the 20% darker color. If you saturate the color by 10%, you get **55.5091, 80.4881, 46.3255**, and if you desaturate by 10%, it is **72.5187, 88.6703, 73.6215**.

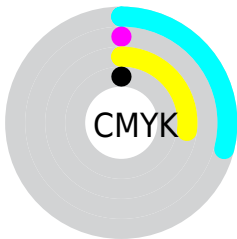
Distribution



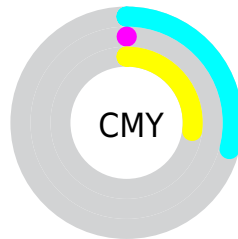
- Red (71%)
- Green (100%)
- Blue (73%)



- Red (71%)
- Yellow (98%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2548, 84.2102, 58.8192 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 63.2548, 84.2102, 58.8192 by changing the saturation by 10% instead.


 63.2548, 84.2102,
58.8192

 63.2548, 84.2102,
58.8192

426.1386,
509.0110, 437.9148

 46.3068, 63.1890,
42.0485


 108.6168,
139.2692, 104.6414

 32.6936, 45.9941,
28.8134


137.7615,
174.0757, 134.5300

 22.0500, 32.2412,
18.6954


171.7024,
214.2462, 169.6283

 14.0104, 21.5458,
11.2758

210.8050,
260.1650, 210.3549

 8.2097, 13.5235,
6.1362

255.4345,
312.2165, 257.1283

 4.2823, 7.7900,
2.8579

305.9564,

 1.8631, 3.9609,

370.7850, 310.3671

1.0226

362.7360,
436.2551, 370.4897

■ 0.5552, 1.6517,
0.0000

■ 0.0000, 0.3921,
0.0000

■ 63.2548, 84.2102,
58.8192

■ 63.2548, 84.2102,
58.8192

■ 55.5091, 80.4881,
46.3255

■ 72.5187, 88.6703,
73.6215

■ 49.1944, 77.4544,
36.0188

■ 83.3687, 93.8940,
90.8344

■ 44.2250, 75.0699,
27.7750

94.7335, 99.3670,
108.7945

■ 40.5031, 73.2872,
21.4554

■ 37.9177, 72.0524,
16.9040

■ 36.3383, 71.3021,
13.9409

■ 35.5843, 70.9479,
12.3468

■ 35.5222, 70.9185,
12.2291

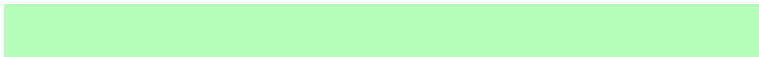
Harmonies

Analogous

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



71.2947, 84.2102, 44.6192



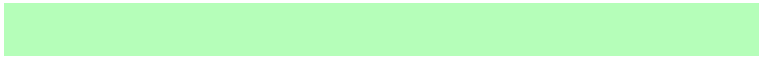
63.2548, 84.2102, 58.8192



59.7497, 84.2102, 85.0332

Triad

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



63.2548, 84.2102, 58.8192



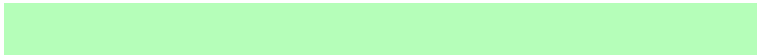
77.6796, 84.2102, 171.5131



102.3395, 84.2102, 68.0578

Complementary

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



63.2548, 84.2102, 58.8192



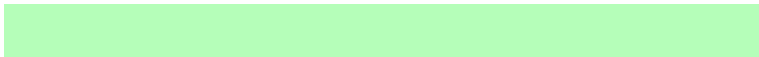
74.6551, 61.0224, 98.2897

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.



104.4693, 84.2102, 98.6867



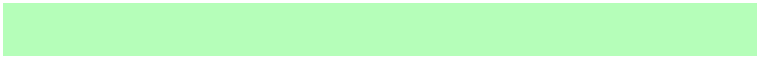
63.2548, 84.2102, 58.8192



89.4712, 84.2102, 163.8245

Square

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



63.2548, 84.2102, 58.8192



67.5411, 84.2102, 153.9788



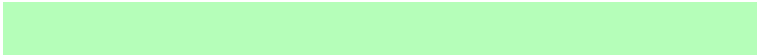
99.5576, 84.2102, 134.9714



93.9913, 84.2102, 48.9764

Rectangle

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



63.2548, 84.2102, 58.8192



60.1865, 84.2102, 107.9972



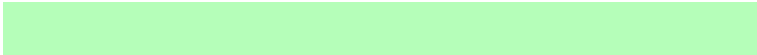
99.5576, 84.2102, 134.9714



103.8381, 84.2102, 77.1141

Sweetspot

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



63.2570, 84.2138, 58.8211



83.8070, 94.5850, 91.1612



83.3358, 94.6129, 57.5865



17.5766, 20.0710, 18.9401



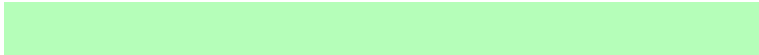
0.0000, 0.0000, 0.0000



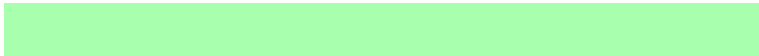
20.3446, 21.4041, 23.3091

Same Dimension

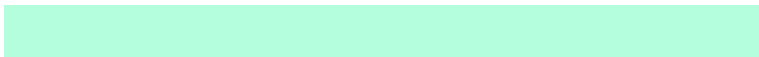
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2570, 84.2138, 58.8211



59.5202, 82.8969, 52.4251



67.5714, 85.9395, 81.5404



17.8119, 20.1843, 19.3126



18.7428, 37.3937, 6.5310



1.8385, 3.6463, 0.7072

Inverse Universe

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



74.6551, 61.0224, 98.2897



72.5924, 56.2939, 97.6865



69.5179, 58.9676, 71.2378



18.7471, 18.2822, 22.5515



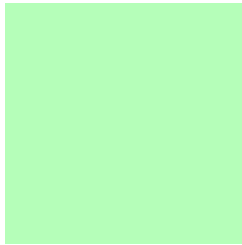
29.8655, 14.4355, 44.8037



2.9205, 1.4106, 4.4289

Previews

White Background



This preview shows how the XYZ color 63.2548, 84.2102, 58.8192 looks on a white background.

Color Contrast Check

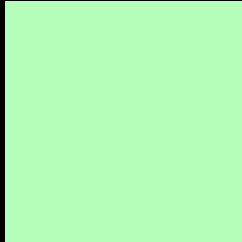
Large Text (above 18pt) WCAG AA × Fail

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 63.2548, 84.2102, 58.8192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

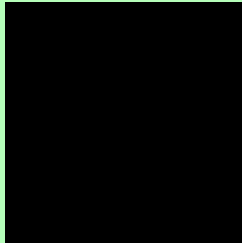
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2548, 84.2102, 58.8192

Background



This preview shows how black text looks on a background with the XYZ color 63.2548, 84.2102, 58.8192.



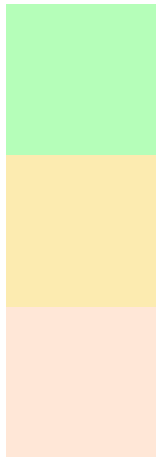
This preview shows how white text looks on a background with the XYZ color 63.2548, 84.2102,

58.8192.

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

63.2548, 84.2102, 58.8192

Protanopia

77.6897, 83.2467, 53.0478

Deuteranopia

82.0817, 83.3181, 76.0458



Tritanopia

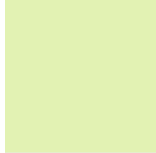
75.7998, 83.6859, 106.7657

Trichromacy



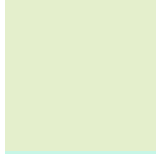
Original Color

63.2548, 84.2102, 58.8192



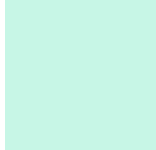
Protanomaly

71.2528, 82.9277, 54.8990



Deuteranomaly

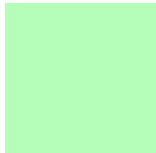
73.7605, 82.5866, 69.1800



Tritanomaly

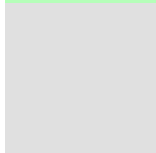
70.7919, 83.7668, 87.3004

Monochromacy



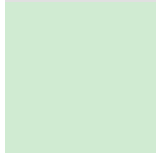
Original Color

63.2548, 84.2102, 58.8192



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.3536, 77.4797, 72.3779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2548, 84.2102, 58.8192 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, 254, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 254, 185)  
}
```

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, 254, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 254, 185) }
```

Border

The CSS property to change the border of an element to XYZ 63.2548, 84.2102, 58.8192 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, 254, 185) }
```


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

```
.border{ border-color:rgb(181, 254, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 254, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 254, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 254, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 254,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2548, 84.2102, 58.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 254, 185) }
```

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

```
.background{ background-color: rgb(181,  
254, 185) }
```

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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