

Converting Colors

XYZ(62.7484, 82.3115, 58.5486)

Have a look what the booklet for
XYZ(62.7484, 82.3115, 58.5486)
contains.

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Color

**XYZ(62.7826, 82.5644,
58.5265)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FBB9
RGB	183, 251, 185
RGB Percent	72%, 98%, 73%
CMY	0.2823, 0.0157, 0.2745
CMYK	0.27, 0.00, 0.26, 0.02
HSL	122°, 89%, 85%
HSV	122°, 27%, 98%
XYZ	62.7826, 82.5644, 58.5265
YIQ	223.1440, -19.3420, -34.9420

Conversions

Conversions Part 2

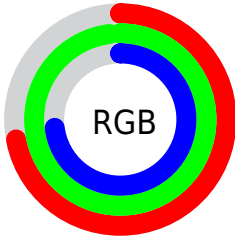
Format	Color
RYB	183, 249, 251
Decimal	12057529
CIELab	92.82, -33.62, 25.01
CIELCh	93, 41.901, 143.351
Yxy	82.5644, 0.3079, 0.4050
Android (android.graphics.Color)	4290247609 (0xFFB7FBB9)
YUV	223.1440, -18.8050, -35.2063
Hunter-Lab	90.8650, -35.6802, 25.4165

Details

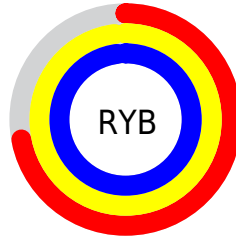
The XYZ color **62.7826, 82.5644, 58.5265** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.8188, 61.2176, 97.5515**, and the grayscale version is **70.3827, 74.0481, 80.6384**.

A 20% lighter version of the original color is **87.5724, 96.3961, 97.2098**, and **32.3587, 44.8387, 28.7790** is the 20% darker color. If you saturate the color by 10%, you get **54.9812, 78.8172, 45.8676**, and if you desaturate by 10%, it is **72.0937, 87.0438, 73.5597**.

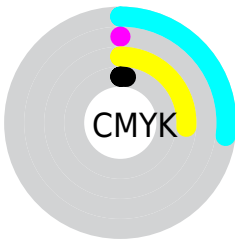
Distribution



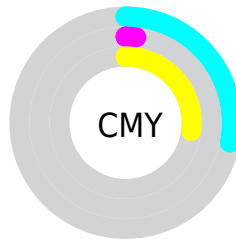
- Red (72%)
- Green (98%)
- Blue (73%)



- Red (72%)
- Yellow (98%)
- Blue (98%)



- Cyan (27%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)



- Cyan (28%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7826, 82.5644, 58.5265 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 62.7826, 82.5644, 58.5265 by changing the saturation by 10% instead.

62.7826, 82.5644,
58.5265

62.7826, 82.5644,
58.5265

424.4523,
503.5336, 436.7979

45.9233, 61.8309,
41.8146

107.9394,
136.9652, 104.2115

32.3897, 44.8960,
28.6316

136.9676,
171.4013, 134.0217

21.8163, 31.3756,
18.5592

170.7829,
211.1736, 169.0350

13.8378, 20.8850,
11.1786

209.7506,
256.6667, 209.6700

8.0889, 13.0400,
6.0714

254.2360,
308.2648, 256.3453

4.2042, 7.4561,
2.8191


304.6045,


1.8183, 3.7489,


366.3524, 309.4793


1.0030

361.2215,
431.3139, 369.4906


 0.5286, 1.5341,
0.0000


 0.0000, 0.3126,
0.0000


 62.7826, 82.5644,
58.5265


 62.7826, 82.5644,
58.5265


 54.9812, 78.8172,
45.8676


 72.0937, 87.0438,
73.5597

 48.6039, 75.7534,
35.4566

 82.9812, 92.2801,
91.0742

 43.5667, 73.3349,
27.1637

 93.7888, 97.4776,
108.4796

 39.7739, 71.5156,
20.8436

■ 37.1173, 70.2432,
16.3329

■ 35.4703, 69.4564,
13.4417

■ 34.6726, 69.0776,
11.9382

■ 34.5392, 69.0137,
11.7127

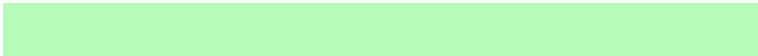
Harmonies

Analogous

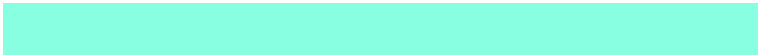
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4310, 82.5644, 45.1650



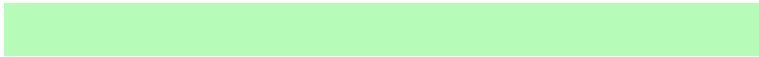
62.7826, 82.5644, 58.5265



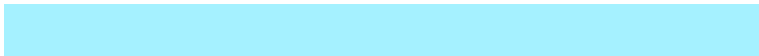
59.3847, 82.5644, 83.1035

Triad

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



62.7826, 82.5644, 58.5265



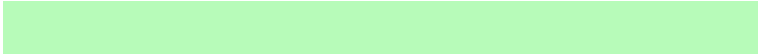
76.0650, 82.5644, 163.9742



99.4096, 82.5644, 68.0768

Complementary

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



62.7826, 82.5644, 58.5265



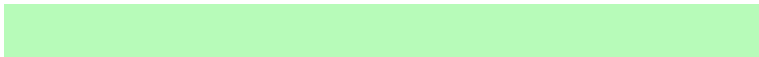
73.8188, 61.2176, 97.5515

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.



101.2721, 82.5644, 97.0544



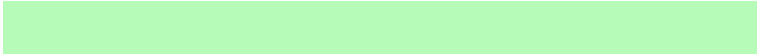
62.7826, 82.5644, 58.5265



87.1092, 82.5644, 157.3071

Square

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



62.7826, 82.5644, 58.5265



66.5792, 82.5644, 147.3961



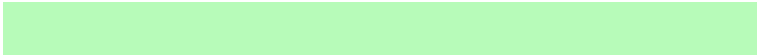
96.5859, 82.5644, 130.8557



91.7095, 82.5644, 49.7173

Rectangle

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



62.7826, 82.5644, 58.5265



59.7399, 82.5644, 104.5359



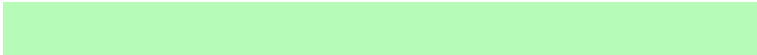
96.5859, 82.5644, 130.8557



100.7669, 82.5644, 76.6957

Sweetspot

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



62.7848, 82.5679, 58.5283



84.9134, 95.1239, 92.6344



82.4246, 92.7168, 58.3524



17.7932, 20.1768, 19.2142



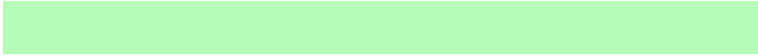
0.0000, 0.0000, 0.0000



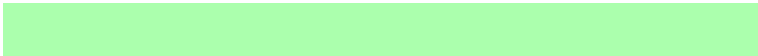
20.3446, 21.4041, 23.3091

Same Dimension

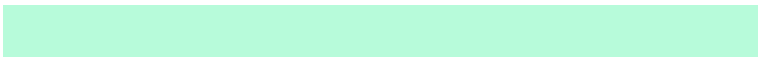
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7848, 82.5679, 58.5283



60.0963, 83.1909, 52.5908



66.7003, 84.1341, 79.1475



17.0381, 19.3175, 18.4011



18.1635, 36.2784, 6.2046



1.6893, 3.3628, 0.6118

Inverse Universe

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



73.8188, 61.2176, 97.5515



73.4285, 57.3907, 99.7389



69.0971, 59.3289, 72.6874



17.9697, 17.5152, 21.6961



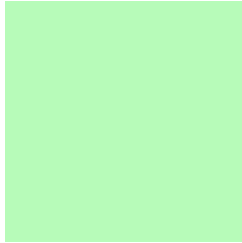
29.4746, 14.2055, 46.0689



2.7366, 1.3184, 4.3024

Previews

White Background



This preview shows how the XYZ color 62.7826, 82.5644, 58.5265 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 62.7826, 82.5644, 58.5265 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 62.7826, 82.5644, 58.5265

Background



This preview shows how black text looks on a background with the XYZ color 62.7826, 82.5644, 58.5265.



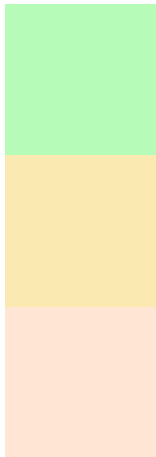
This preview shows how white text looks on a background with the XYZ color 62.7826, 82.5644,

58.5265.

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

62.7826, 82.5644, 58.5265

Protanopia

76.4991, 81.7761, 53.3474

Deuteranopia

81.0172, 82.0018, 73.1859



Tritanopia

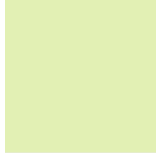
74.3869, 82.5193, 106.6150

Trichromacy



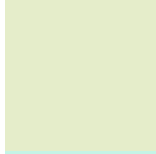
Original Color

62.7826, 82.5644, 58.5265



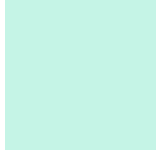
Protanomaly

70.7623, 81.7842, 55.2364



Deuteranomaly

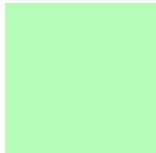
73.2580, 81.4907, 67.7453



Tritanomaly

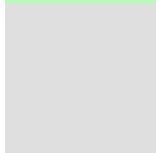
69.6596, 82.2849, 87.0740

Monochromacy



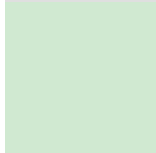
Original Color

62.7826, 82.5644, 58.5265



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.6600, 76.2912, 71.5339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7826, 82.5644, 58.5265 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, 251, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 251, 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(183, 251, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 251, 185) }
```

Border

The CSS property to change the border of an element to XYZ 62.7826, 82.5644, 58.5265 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, 251, 185) }
```


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

```
.border{ border-color:rgb(183, 251, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 251, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 251, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 251, 185);  
box-shadow:4px 4px 4px 4px rgb(183, 251,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7826, 82.5644, 58.5265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 251, 185) }
```

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

```
.background{ background-color: rgb(183,  
251, 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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