

Converting Colors

XYZ(62.4685, 79.6270, 59.6541)

Have a look what the booklet for
XYZ(62.4685, 79.6270, 59.6541)
contains.

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Color

**XYZ(62.4685, 79.6270,
59.6541)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF5BC
RGB	188, 245, 188
RGB Percent	74%, 96%, 74%
CMY	0.2627, 0.0392, 0.2627
CMYK	0.23, 0.00, 0.23, 0.04
HSL	120°, 74%, 85%
HSV	120°, 23%, 96%
XYZ	62.4685, 79.6270, 59.6541
YIQ	221.4590, -15.6750, -29.8110

Conversions

Conversions Part 2

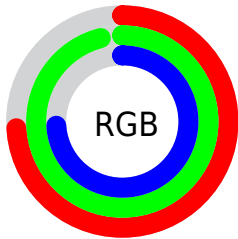
Format	Color
RYB	188, 245, 245
Decimal	12383676
CIELab	91.52, -28.72, 21.72
CIELCh	92, 36.005, 142.894
Yxy	79.6270, 0.3096, 0.3947
Android (android.graphics.Color)	4290573756 (0xFFBCF5BC)
YUV	221.4590, -16.4953, -29.3435
Hunter-Lab	89.2340, -31.2000, 22.8276

Details

The XYZ color **62.4685, 79.6270, 59.6541** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.1235, 61.9731, 94.5501**, and the grayscale version is **69.1719, 72.7742, 79.2511**.

A 20% lighter version of the original color is **89.7453, 97.4641, 99.6703**, and **32.1879, 42.7840, 29.4833** is the 20% darker color. If you saturate the color by 10%, you get **54.5169, 75.8098, 46.6461**, and if you desaturate by 10%, it is **71.8973, 84.1585, 75.0749**.

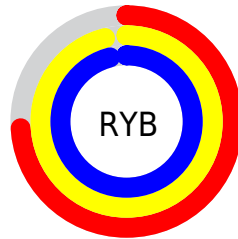
Distribution



Red (74%)

Green (96%)

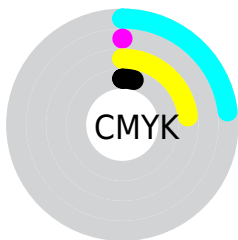
Blue (74%)



Red (74%)

Yellow (96%)

Blue (96%)

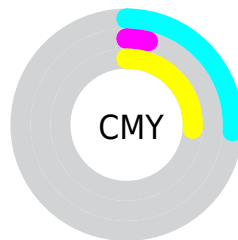


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (4%)



Cyan (26%)

Magenta (4%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4685, 79.6270, 59.6541 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 62.4685, 79.6270, 59.6541 by changing the saturation by 10% instead.

62.4685, 79.6270,
59.6541

62.4685, 79.6270,
59.6541

423.3284,
493.6749, 441.0908

45.6684, 59.4115,
42.7164

107.4885,
132.8412, 105.8662

32.1877, 42.9444,
29.3329

136.4391,
166.6086, 135.9777

21.6612, 29.8415,
19.0851

170.1705,
205.6621, 171.3175

13.7234, 19.7183,
11.5543

209.0482,
250.3862, 212.3042

8.0089, 12.1905,
6.3222

253.4375,
301.1650, 259.3564

4.1525, 6.8735,
2.9700

303.7037,

1.7888, 3.3831,

358.3832, 312.8925

1.0793

360.2122,
422.4250, 373.3311

■ 0.5109, 1.3349,
0.0000

■ 0.0000, 0.1680,
0.0000

■ 62.4685, 79.6270,
59.6541

■ 62.4685, 79.6270,
59.6541

■ 54.5169, 75.8098,
46.6461

■ 71.8973, 84.1585,
75.0749

■ 47.9618, 72.6611,
35.9241

■ 82.8661, 89.4274,
93.0162

■ 42.7245, 70.1453,
27.3575

■ 91.9440, 93.7879,
107.8647

■ 38.7159, 68.2198,
20.8005

■ 35.8358, 66.8364,
16.0896

■ 33.9686, 65.9394,
13.0353

■ 32.9736, 65.4615,
11.4076

■ 32.6540, 65.3080,
10.8848

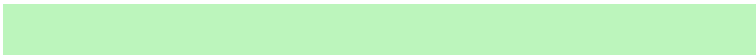
Harmonies

Analogous

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



69.0260, 79.6270, 47.9910



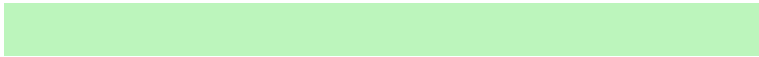
62.4685, 79.6270, 59.6541



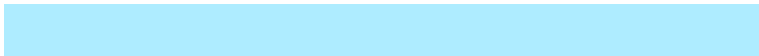
59.4934, 79.6270, 80.5997

Triad

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



62.4685, 79.6270, 59.6541



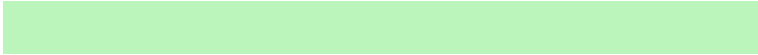
73.5218, 79.6270, 147.1149



93.1243, 79.6270, 68.4944

Complementary

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



62.4685, 79.6270, 59.6541



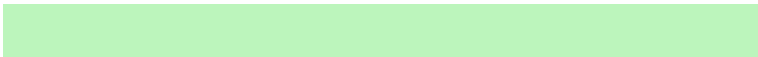
72.1235, 61.9731, 94.5501

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.



94.5718, 79.6270, 93.1011



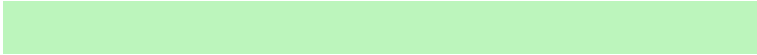
62.4685, 79.6270, 59.6541



82.7550, 79.6270, 142.0643

Square

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



62.4685, 79.6270, 59.6541



65.5320, 79.6270, 133.5541



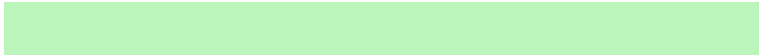
90.6410, 79.6270, 120.8891



86.8317, 79.6270, 52.3287

Rectangle

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



62.4685, 79.6270, 59.6541



59.7573, 79.6270, 98.4693



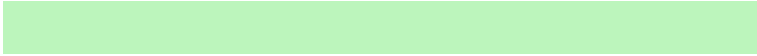
90.6410, 79.6270, 120.8891



94.2134, 79.6270, 75.9084

Sweetspot

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



62.4706, 79.6304, 59.6559



86.0432, 95.6736, 94.1679



79.3892, 88.3522, 60.4470



18.2592, 20.4024, 19.8980



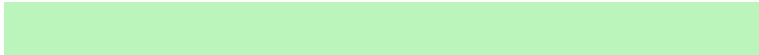
0.0000, 0.0000, 0.0000



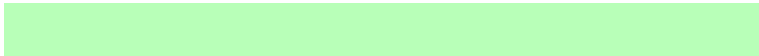
20.3446, 21.4041, 23.3091

Same Dimension

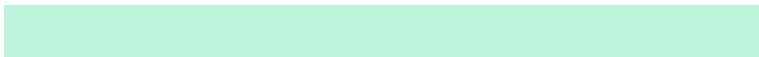
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4706, 79.6304, 59.6559



64.0415, 85.1050, 58.1803



65.8531, 80.9834, 77.4678



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



72.1235, 61.9731, 94.5501



76.3473, 62.5949, 102.6646



68.1013, 60.3642, 73.3694



17.2137, 16.7683, 20.8718



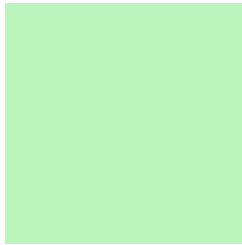
29.1646, 14.0093, 47.7028



2.5633, 1.2313, 4.1926

Previews

White Background



This preview shows how the XYZ color 62.4685, 79.6270, 59.6541 looks on a white background.

Color Contrast Check

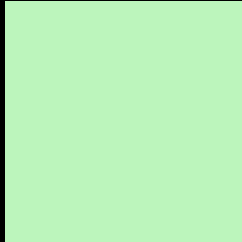
Large Text (above 18pt) WCAG AA × Fail

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 62.4685, 79.6270, 59.6541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

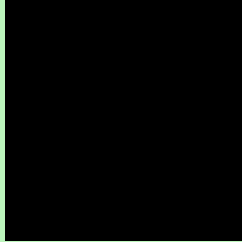
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4685, 79.6270, 59.6541

Background



This preview shows how black text looks on a background with the XYZ color 62.4685, 79.6270, 59.6541.



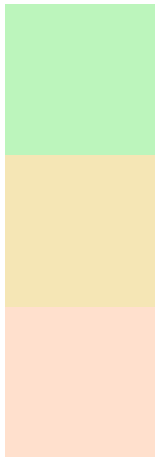
This preview shows how white text looks on a background with the XYZ color 62.4685, 79.6270, 59.6541.

59.6541.

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

62.4685, 79.6270, 59.6541

Protanopia

74.2935, 79.3423, 55.1150

Deuteranopia

78.9151, 78.9791, 68.8428



Tritanopia

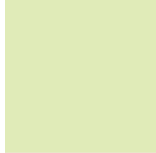
71.8649, 79.4903, 106.1632

Trichromacy



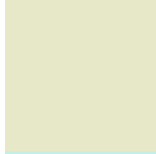
Original Color

62.4685, 79.6270, 59.6541



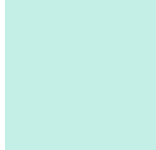
Protanomaly

69.1005, 78.7246, 56.9008



Deuteranomaly

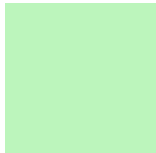
72.1204, 78.8257, 65.4466



Tritanomaly

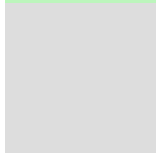
68.0553, 79.2383, 87.3089

Monochromacy



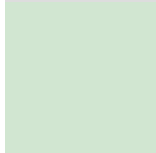
Original Color

62.4685, 79.6270, 59.6541



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

66.0999, 74.7524, 71.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4685, 79.6270, 59.6541 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(188, 245, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 245, 188)  
}
```

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(188, 245, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 245, 188) }
```

Border

The CSS property to change the border of an element to XYZ 62.4685, 79.6270, 59.6541 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(188, 245, 188) }
```


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

```
.border{ border-color:rgb(188, 245, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 245, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 245, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 245, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 245,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4685, 79.6270, 59.6541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 245, 188) }
```

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

```
.background{ background-color: rgb(188,  
245, 188) }
```

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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