

Converting Colors

XYZ(62.3008, 79.5488, 63.5208)

Have a look what the booklet for
XYZ(62.3008, 79.5488, 63.5208)
contains.

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Color

**XYZ(62.2699, 79.4353,
63.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F5C3
RGB	184, 245, 195
RGB Percent	72%, 96%, 76%
CMY	0.2784, 0.0392, 0.2353
CMYK	0.25, 0.00, 0.20, 0.04
HSL	131°, 75%, 84%
HSV	131°, 25%, 96%
XYZ	62.2699, 79.4353, 63.6803
YIQ	221.0610, -20.3060, -28.4820

Conversions

Conversions Part 2

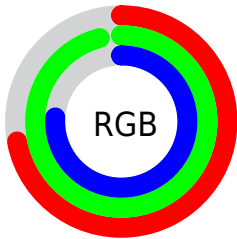
Format	Color
RYB	184, 236, 245
Decimal	12121539
CIELab	91.43, -28.80, 17.97
CIElCh	91, 33.950, 148.040
Yxy	79.4353, 0.3032, 0.3868
Android (android.graphics.Color)	4290311619 (0xFFB8F5C3)
YUV	221.0610, -12.8481, -32.5025
Hunter-Lab	89.1265, -31.2590, 20.0262

Details

The XYZ color **62.2699, 79.4353, 63.6803** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.6507, 59.6358, 85.6852**, and the grayscale version is **68.8694, 72.4560, 78.9046**.

A 20% lighter version of the original color is **89.6063, 97.2490, 106.1436**, and **31.9969, 42.6354, 31.7423** is the 20% darker color. If you saturate the color by 10%, you get **54.7815, 75.8221, 52.2639**, and if you desaturate by 10%, it is **71.0844, 83.7013, 76.7563**.

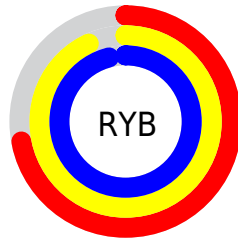
Distribution



Red (72%)

Green (96%)

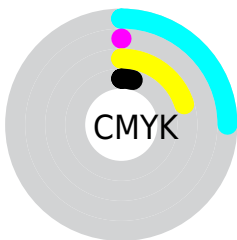
Blue (76%)



Red (72%)

Yellow (93%)

Blue (96%)

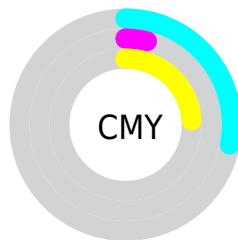


Cyan (25%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (28%)


Magenta (4%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2699, 79.4353, 63.6803 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 62.2699, 79.4353, 63.6803 by changing the saturation by 10% instead.


 62.2699, 79.4353,
63.6803

 62.2699, 79.4353,
63.6803


422.6168,
493.0277, 456.2100

 45.5072, 59.2538,
45.9473


 107.2033,
132.5715, 111.7454

 32.0601, 42.8174,
31.8558


136.1047,
166.2950, 142.9146

 21.5632, 29.7419,
20.9875


169.7830,
205.3012, 179.3995

 13.6511, 19.6428,
12.9237

208.6037,
249.9746, 221.6188

 7.9585, 12.1356,
7.2459

252.9321,
300.6996, 269.9909

 4.1200, 6.8361,
3.5356

303.1335,

 1.7702, 3.3598,

357.8605, 324.9345

1.3742

359.5733,
421.8417, 386.8680

■ 0.4996, 1.3223,
0.1215

■ 0.0000, 0.1584,
0.0000

■ 62.2699, 79.4353,
63.6803

■ 62.2699, 79.4353,
63.6803

■ 54.7815, 75.8221,
52.2639

■ 71.0844, 83.7013,
76.7563

■ 48.5484, 72.8199,
42.4356

■ 81.2786, 88.6398,
91.5491

■ 43.5027, 70.3974,
34.1265

■ 91.9439, 93.7879,
107.8646

■ 39.5673, 68.5166,
27.2606

■ 36.6562, 67.1347,
21.7553

■ 34.6700, 66.2025,
17.5196

■ 33.4885, 65.6600,
14.4512

■ 33.1120, 65.4911,
13.2966

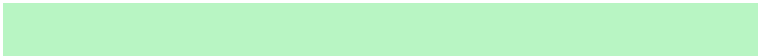
Harmonies

Analogous

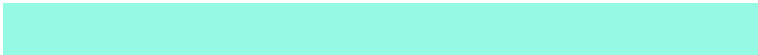
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.9604, 79.4353, 50.9391



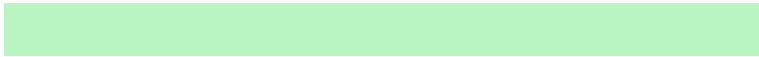
62.2699, 79.4353, 63.6803



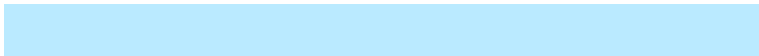
60.0905, 79.4353, 84.8749

Triad

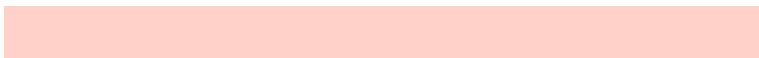
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2699, 79.4353, 63.6803



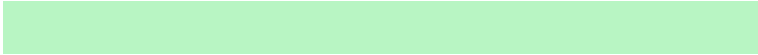
74.9343, 79.4353, 143.2622



91.1270, 79.4353, 66.0055

Complementary

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



62.2699, 79.4353, 63.6803



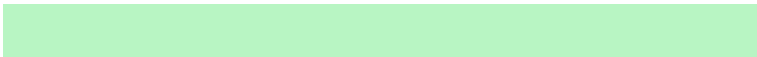
69.6507, 59.6358, 85.6852

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.



93.3434, 79.4353, 88.1285



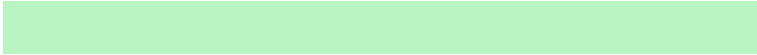
62.2699, 79.4353, 63.6803



83.5795, 79.4353, 135.6259

Square

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



62.2699, 79.4353, 63.6803



67.0473, 79.4353, 133.4420



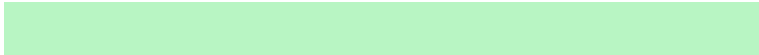
90.4846, 79.4353, 114.1878



84.6367, 79.4353, 52.0907

Rectangle

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



62.2699, 79.4353, 63.6803



60.7859, 79.4353, 102.0715



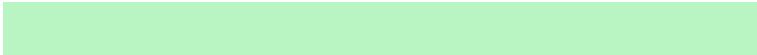
90.4846, 79.4353, 114.1878



92.4173, 79.4353, 72.5835

Sweetspot

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



62.2720, 79.4386, 63.6821



86.5182, 95.8636, 96.6691



75.5133, 86.4032, 58.0457



18.3688, 20.4462, 20.4750



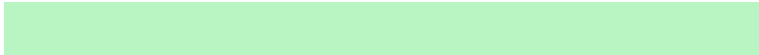
0.0000, 0.0000, 0.0000



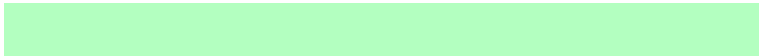
20.3446, 21.4041, 23.3091

Same Dimension

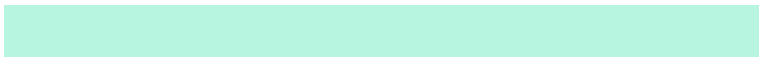
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.2720, 79.4386, 63.6821



63.7822, 84.8631, 63.0592



65.9672, 80.9167, 83.1404



16.4042, 18.5208, 18.1469



17.8731, 35.2941, 7.3513



1.6040, 3.1153, 0.8207

Inverse Universe

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



69.6507, 59.6358, 85.6852



73.1679, 59.6633, 91.0396



65.7382, 58.0708, 65.0823



17.0779, 16.7140, 20.1567



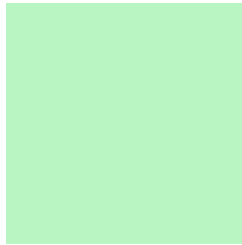
26.0015, 12.7440, 31.0459



2.3180, 1.1332, 2.9009

Previews

White Background



This preview shows how the XYZ color 62.2699, 79.4353, 63.6803 looks on a white background.

Color Contrast Check

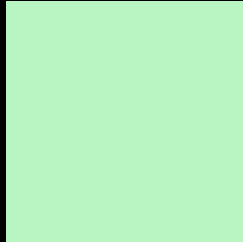
Large Text (above 18pt) WCAG AA × Fail

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 62.2699, 79.4353, 63.6803 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

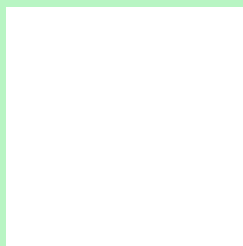
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2699, 79.4353, 63.6803

Background



This preview shows how black text looks on a background with the XYZ color 62.2699, 79.4353, 63.6803.

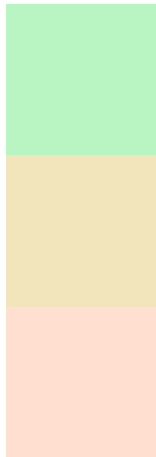


This preview shows how white text looks on a background with the XYZ color 62.2699, 79.4353,

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

62.2699, 79.4353, 63.6803

Protanopia

73.9511, 78.6812, 58.3031

Deuteranopia

79.0128, 78.5894, 70.6794



Tritanopia

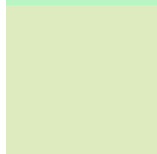
71.0991, 79.5241, 106.2101

Trichromacy



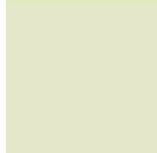
Original Color

62.2699, 79.4353, 63.6803



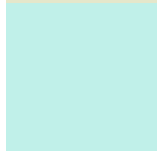
Protanomaly

69.1268, 78.6640, 60.2555



Deuteranomaly

71.6685, 78.1216, 67.8016



Tritanomaly

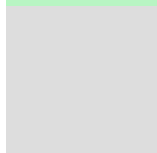
67.6063, 79.4098, 88.8552

Monochromacy



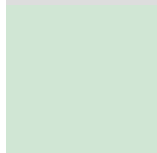
Original Color

62.2699, 79.4353, 63.6803



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

66.1929, 74.7570, 73.2282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2699, 79.4353, 63.6803 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, 245, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 245, 195)  
}
```

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, 245, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 245, 195) }
```

Border

The CSS property to change the border of an element to XYZ 62.2699, 79.4353, 63.6803 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, 245, 195) }
```


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

```
.border{ border-color:rgb(184, 245, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 245, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 245, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 245, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 245,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2699, 79.4353, 63.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 245, 195) }
```

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

```
.background{ background-color: rgb(184,  
245, 195) }
```

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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