

Converting Colors

XYZ(64.7208, 79.4515, 60.0630)

Have a look what the booklet for
XYZ(64.7208, 79.4515, 60.0630)
contains.

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Color

**XYZ(64.7569, 79.4577,
60.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F2BD
RGB	200, 242, 189
RGB Percent	78%, 95%, 74%
CMY	0.2157, 0.0510, 0.2588
CMYK	0.17, 0.00, 0.22, 0.05
HSL	108°, 67%, 85%
HSV	108°, 22%, 95%
XYZ	64.7569, 79.4577, 60.0679
YIQ	223.4000, -8.0190, -25.3870

Conversions

Conversions Part 2

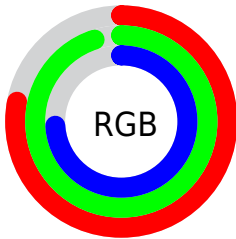
Format	Color
RYB	189, 242, 231
Decimal	13169341
CIELab	91.44, -23.14, 21.21
CIElCh	91, 31.393, 137.490
Yxy	79.4577, 0.3170, 0.3890
Android (android.graphics.Color)	4291359421 (0xFFC8F2BD)
YUV	223.4000, -16.9592, -20.5218
Hunter-Lab	89.1390, -26.3183, 22.4437

Details

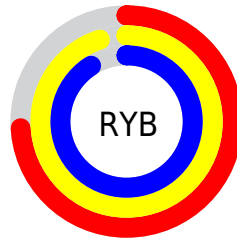
The XYZ color **64.7569, 79.4577, 60.0679** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.1827, 59.7971, 92.0095**, and the grayscale version is **70.5465, 74.2204, 80.8260**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **33.6091, 42.8868, 29.4283** is the 20% darker color. If you saturate the color by 10%, you get **57.5417, 76.0191, 47.1431**, and if you desaturate by 10%, it is **73.0572, 83.4097, 75.3348**.

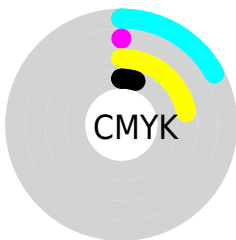
Distribution



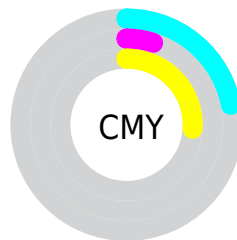
- Red (78%)
- Green (95%)
- Blue (74%)



- Red (74%)
- Yellow (95%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7569, 79.4577, 60.0679 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 64.7569, 79.4577, 60.0679 by changing the saturation by 10% instead.

64.7569, 79.4577,
60.0679

64.7569, 79.4577,
60.0679

431.4769,
493.1034, 442.6596

47.5280, 59.2722,
43.0477

110.7679,
132.6030, 106.4725

33.6629, 42.8323,
29.5909

140.2807,
166.3316, 136.6940

22.7964, 29.7535,
19.2788

174.6189,
205.3434, 172.1530

14.5631, 19.6516,
11.6931

214.1477,
250.0227, 213.2680

8.5977, 12.1420,
6.4151

259.2325,
300.7540, 260.4577

4.5347, 6.8405,
3.0262

310.2388,

2.0089, 3.3625,

357.9216, 314.1405

1.1080

367.5318,
421.9099, 374.7349

■ 0.6389, 1.3238,
0.0000

■ 0.0000, 0.1595,
0.0000

■ 64.7569, 79.4577,
60.0679

■ 64.7569, 79.4577,
60.0679

■ 57.5417, 76.0191,
47.1431

■ 73.0572, 83.4097,
75.3348

■ 51.3600, 73.0628,
36.4395

■ 82.4790, 87.8845,
93.0462

■ 46.1649, 70.5698,
27.8336

■ 91.0437, 91.9873,
107.5646

■ 41.9038, 68.5158,
21.1874

■ 38.5187, 66.8743,
16.3466

■ 35.9446, 65.6158,
13.1337

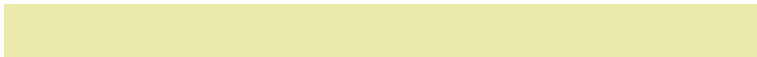
■ 34.1066, 64.7061,
11.3352

■ 33.0800, 64.1911,
10.6466

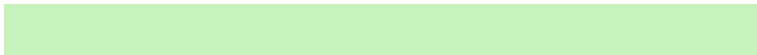
Harmonies

Analogous

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



70.9998, 79.4577, 50.9797



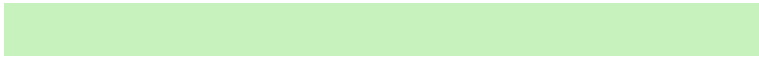
64.7569, 79.4577, 60.0679



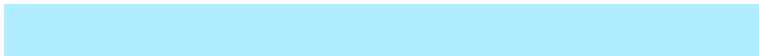
61.4988, 79.4577, 77.3338

Triad

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



64.7569, 79.4577, 60.0679



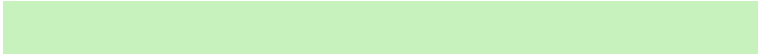
72.2440, 79.4577, 136.9531



91.1380, 79.4577, 73.9585

Complementary

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



64.7569, 79.4577, 60.0679



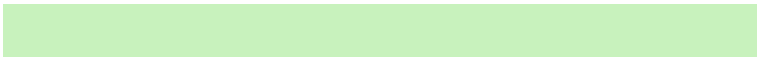
67.1827, 59.7971, 92.0095

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.



91.5300, 79.4577, 96.3976



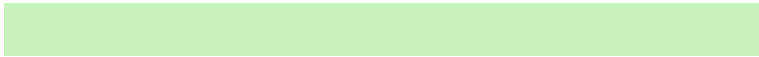
64.7569, 79.4577, 60.0679



80.2326, 79.4577, 135.6139

Square

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



64.7569, 79.4577, 60.0679



65.6123, 79.4577, 123.1594



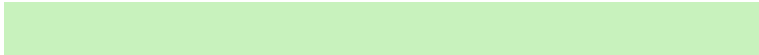
87.4189, 79.4577, 119.7710



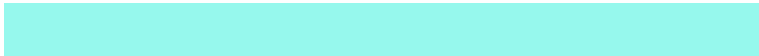
86.3827, 79.4577, 57.9737

Rectangle

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



64.7569, 79.4577, 60.0679



61.2953, 79.4577, 92.3772



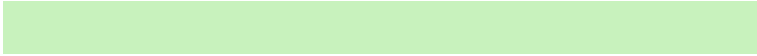
87.4189, 79.4577, 119.7710



91.7958, 79.4577, 80.9080

Sweetspot

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



64.7590, 79.4611, 60.0696



87.2939, 96.3183, 94.2261



74.2473, 79.4365, 59.5648



18.5477, 20.5511, 19.9114



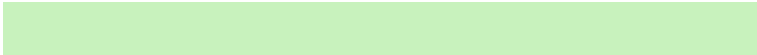
0.0000, 0.0000, 0.0000



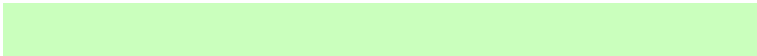
20.3446, 21.4041, 23.3091

Same Dimension

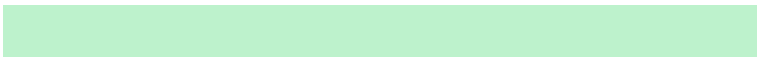
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.7590, 79.4611, 60.0696



69.3942, 87.8018, 61.2635



63.6419, 78.6870, 68.9729



15.8724, 17.8144, 16.7517



17.8606, 34.5290, 5.7234



1.5657, 2.9137, 0.4799

Inverse Universe

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



67.1827, 59.7971, 92.0095



72.5411, 62.2295, 102.7959



68.6812, 60.8196, 80.7835



16.1144, 15.8562, 19.9328



20.3750, 9.5091, 45.8894



1.7747, 0.8322, 3.8213

Previews

White Background



This preview shows how the XYZ color 64.7569, 79.4577, 60.0679 looks on a white background.

Color Contrast Check

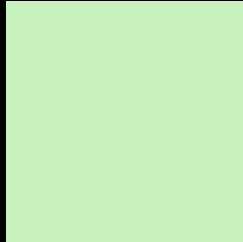
Large Text (above 18pt) WCAG AA × Fail

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 64.7569, 79.4577, 60.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

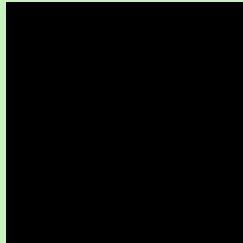
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

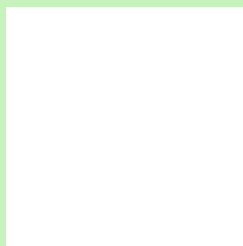
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.7569, 79.4577, 60.0679

Background



This preview shows how black text looks on a background with the XYZ color 64.7569, 79.4577, 60.0679.

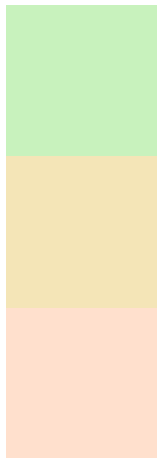


This preview shows how white text looks on a background with the XYZ color 64.7569, 79.4577,

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

64.7569, 79.4577, 60.0679

Protanopia

73.8748, 78.6906, 56.0949

Deuteranopia

78.9151, 78.9791, 68.8428



Tritanopia

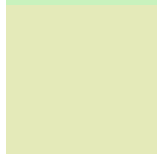
73.2879, 79.0077, 103.4828

Trichromacy



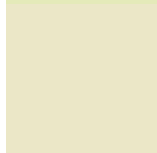
Original Color

64.7569, 79.4577, 60.0679



Protanomaly

70.1747, 78.8424, 57.4184



Deuteranomaly

73.1457, 78.9375, 65.4141



Tritanomaly

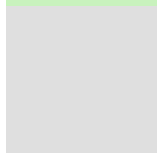
69.5919, 78.7699, 85.6650

Monochromacy



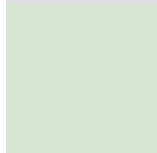
Original Color

64.7569, 79.4577, 60.0679



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

68.0790, 75.7439, 72.6599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7569, 79.4577, 60.0679 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(200, 242, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 242, 189)  
}
```

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(200, 242, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 242, 189) }
```

Border

The CSS property to change the border of an element to XYZ 64.7569, 79.4577, 60.0679 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(200, 242, 189) }
```


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

```
.border{ border-color:rgb(200, 242, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 242, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 242, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 242, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 242,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7569, 79.4577, 60.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 242, 189) }
```

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

```
.background{ background-color: rgb(200,  
242, 189) }
```

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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