

Converting Colors

XYZ(67.8059, 79.7633, 63.8820)

Have a look what the booklet for
XYZ(67.8059, 79.7633, 63.8820)
contains.

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Color

**XYZ(67.6943, 79.5674,
64.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EFC4
RGB	211, 239, 196
RGB Percent	83%, 94%, 77%
CMY	0.1725, 0.0627, 0.2314
CMYK	0.12, 0.00, 0.18, 0.06
HSL	99°, 57%, 85%
HSV	99°, 18%, 94%
XYZ	67.6943, 79.5674, 64.0147
YIQ	225.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

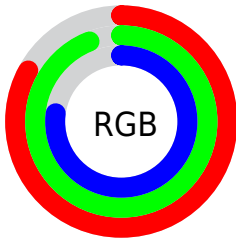
Format	Color
R_{YB}	196, 239, 224
Decimal	13889476
CIE _{Lab}	91.49, -16.80, 17.78
CIE _{LCh}	91, 24.463, 133.375
Yxy	79.5674, 0.3204, 0.3766
Android (android.graphics.Color)	4292079556 (0xFFD3EFC4)
YUV	225.7260, -14.6549, -12.9147
Hunter-Lab	89.2006, -20.6373, 19.8910

Details

The XYZ color **67.6943, 79.5674, 64.0147** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.0635, 61.5613, 90.0661**, and the grayscale version is **72.1966, 75.9565, 82.7166**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **35.5263, 42.8879, 31.9969** is the 20% darker color. If you saturate the color by 10%, you get **60.9430, 76.3790, 50.6114**, and if you desaturate by 10%, it is **75.3151, 83.1586, 79.7241**.

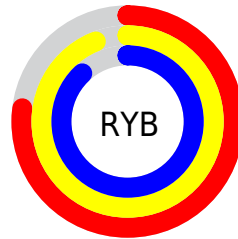
Distribution



Red (83%)

Green (94%)

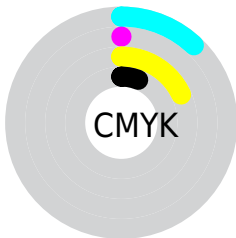
Blue (77%)



Red (77%)

Yellow (94%)

Blue (88%)

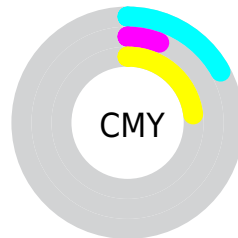


Cyan (12%)

Magenta (0%)

Yellow (18%)

Black (6%)



Cyan (17%)

Magenta (6%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6943, 79.5674, 64.0147 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 67.6943, 79.5674, 64.0147 by changing the saturation by 10% instead.

67.6943, 79.5674,
64.0147

67.6943, 79.5674,
64.0147

441.8059,
493.4737, 457.4516

49.9218, 59.3624,
46.2163

114.9590,
132.7573, 112.2318

35.5688, 42.9049,
32.0667

145.1820,
166.5111, 143.4876

24.2700, 29.8105,
21.1472

180.2859,
205.5499, 180.0662

15.6598, 19.6948,
13.0393

220.6360,
250.2582, 222.3863

9.3731, 12.1734,
7.3246

266.5977,
301.0203, 270.8663

5.0444, 6.8619,
3.5844

318.5363,

2.3083, 3.3759,

358.2207, 325.9249

1.4002

376.8173,
422.2437, 387.9805

■ 0.7989, 1.3310,
0.1419

■ 0.0000, 0.1650,
0.0000

■ 67.6943, 79.5674,
64.0147

■ 67.6943, 79.5674,
64.0147

■ 60.9430, 76.3790,
50.6114

■ 75.3151, 83.1586,
79.7241

■ 55.0221, 73.5687,
39.4006

■ 83.8298, 87.1560,
97.8357

■ 49.8988, 71.1244,
30.2669

■ 90.1581, 90.2162,
107.2694

■ 45.5356, 69.0296,
23.0824

■ 41.8914, 67.2662,
17.7046

■ 38.9207, 65.8142,
13.9721

■ 36.5715, 64.6512,
11.6943

■ 34.7772, 63.7483,
10.6095

■ 34.4675, 63.5917,
10.4578

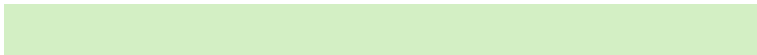
Harmonies

Analogous

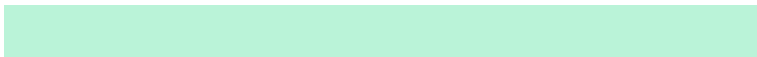
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8891, 79.5674, 57.3617



67.6943, 79.5674, 64.0147



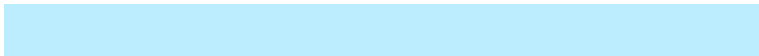
64.7191, 79.5674, 77.1861

Triad

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



67.6943, 79.5674, 64.0147



72.2507, 79.5674, 123.8412



87.8894, 79.5674, 78.9391

Complementary

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



67.6943, 79.5674, 64.0147



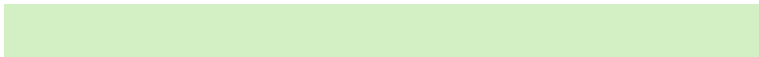
66.0635, 61.5613, 90.0661

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.



87.6952, 79.5674, 96.8260



67.6943, 79.5674, 64.0147



78.4315, 79.5674, 124.4813

Square

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



67.6943, 79.5674, 64.0147



67.2491, 79.5674, 112.3968



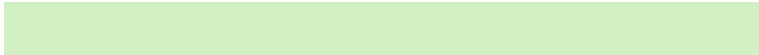
84.1552, 79.5674, 114.0412



84.6720, 79.5674, 65.1457

Rectangle

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



67.6943, 79.5674, 64.0147



64.2874, 79.5674, 88.6709



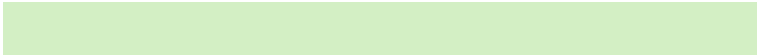
84.1552, 79.5674, 114.0412



88.2260, 79.5674, 84.6312

Sweetspot

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



67.6964, 79.5708, 64.0164



90.0756, 97.6650, 98.3051



72.2058, 75.6240, 63.0169



19.1348, 20.8362, 20.7349



0.0000, 0.0000, 0.0000



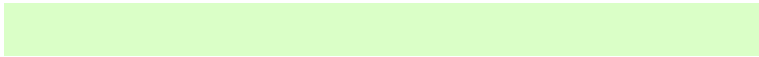
20.3446, 21.4041, 23.3091

Same Dimension

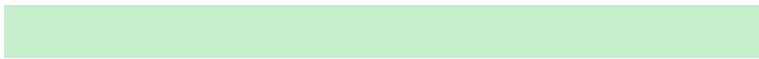
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6964, 79.5708, 64.0164



75.1106, 90.6164, 67.5040



64.3479, 77.7579, 67.7757



16.0859, 17.9244, 16.7617



19.1744, 35.2063, 5.7849



1.6988, 2.9823, 0.4861

Inverse Universe

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



66.0635, 61.5613, 90.0661



72.8544, 65.7568, 103.4602



69.9832, 63.6902, 85.3627



15.8880, 15.7395, 19.9222



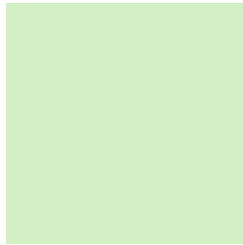
16.2949, 7.4057, 45.6985



1.4625, 0.6712, 3.8067

Previews

White Background



This preview shows how the XYZ color 67.6943, 79.5674, 64.0147 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 67.6943, 79.5674, 64.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

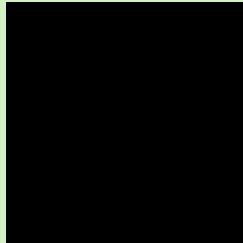
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

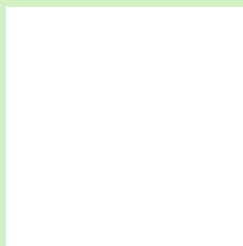
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6943, 79.5674, 64.0147

Background



This preview shows how black text looks on a background with the XYZ color 67.6943, 79.5674, 64.0147.

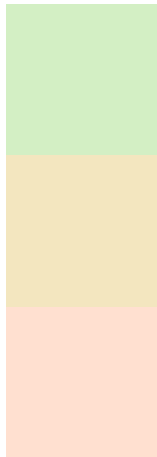


This preview shows how white text looks on a background with the XYZ color 67.6943, 79.5674,

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

67.6943, 79.5674, 64.0147

Protanopia

74.6629, 79.4099, 60.6827

Deuteranopia

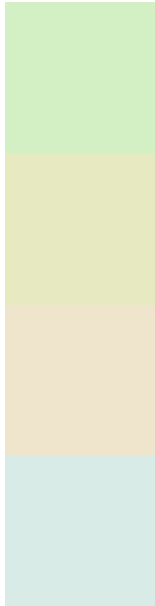
79.2808, 79.1254, 70.7687



Tritanopia

75.3253, 79.6754, 101.8513

Trichromacy



Original Color

67.6943, 79.5674, 64.0147

Protanomaly

71.7195, 79.1170, 61.9432

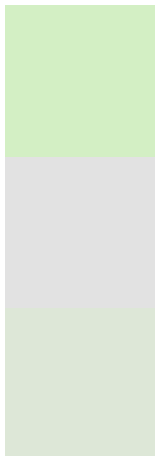
Deuteranomaly

74.5150, 78.7490, 68.3995

Tritanomaly

72.3102, 79.7288, 86.4409

Monochromacy



Original Color

67.6943, 79.5674, 64.0147

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.6604, 77.4303, 75.5113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6943, 79.5674, 64.0147 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(211, 239, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 239, 196)  
}
```

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(211, 239, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 239, 196) }
```

Border

The CSS property to change the border of an element to XYZ 67.6943, 79.5674, 64.0147 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(211, 239, 196) }
```


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

```
.border{ border-color:rgb(211, 239, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 239, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 239, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 239, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 239,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6943, 79.5674, 64.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 239, 196) }
```

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

```
.background{ background-color: rgb(211,  
239, 196) }
```

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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