

Converting Colors

XYZ(67.5198, 85.2715, 71.4724)

Have a look what the booklet for
XYZ(67.5198, 85.2715, 71.4724)
contains.

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Color

**XYZ(67.4368, 85.1534,
71.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFCCE
RGB	191, 252, 206
RGB Percent	75%, 99%, 81%
CMY	0.2510, 0.0117, 0.1921
CMYK	0.24, 0.00, 0.18, 0.01
HSL	135°, 91%, 87%
HSV	135°, 24%, 99%
XYZ	67.4368, 85.1534, 71.2745
YIQ	228.5170, -21.5900, -27.2380

Conversions

Conversions Part 2

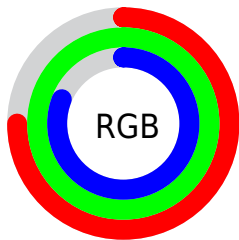
Format	Color
R_{YB}	191, 240, 252
Decimal	12582094
CIE _{Lab}	93.95, -27.97, 15.91
CIE _{LCh}	94, 32.176, 150.360
Yxy	85.1534, 0.3012, 0.3804
Android (android.graphics.Color)	4290772174 (0xFFBFFCCE)
YUV	228.5170, -11.1009, -32.9024
Hunter-Lab	92.2786, -31.0405, 18.8004

Details

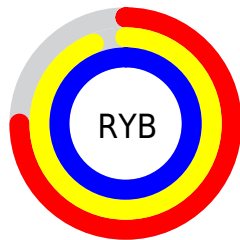
The XYZ color **67.4368, 85.1534, 71.2745** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.0646, 64.0733, 88.5880**, and the grayscale version is **74.2135, 78.0784, 85.0274**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **35.3359, 46.5315, 36.8248** is the 20% darker color. If you saturate the color by 10%, you get **59.4657, 81.2974, 59.5706**, and if you desaturate by 10%, it is **76.7821, 89.6904, 84.5035**.

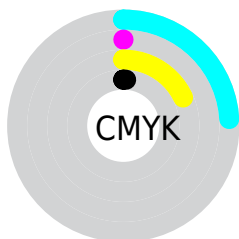
Distribution



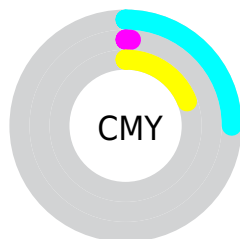
- Red (75%)
- Green (99%)
- Blue (81%)



- Red (75%)
- Yellow (94%)
- Blue (99%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (25%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4368, 85.1534, 71.2745 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 67.4368, 85.1534, 71.2745 by changing the saturation by 10% instead.


 67.4368, 85.1534,
71.2745

 67.4368, 85.1534,
71.2745


440.9061,
512.1355, 483.9219

 49.7117, 63.9681,
52.0830


 114.5924,
140.5875, 122.7226

 35.4012, 46.6249,
36.6886


144.7536,
175.6051, 155.8163

 24.1401, 32.7392,
24.6726


179.7909,
216.0023, 194.3812

 15.5629, 21.9267,
15.6165

220.0697,
262.1634, 238.8358

 9.3042, 13.8031,
9.1018

265.9552,
314.4729, 289.5986

 4.9988, 7.9838,
4.7099

317.8129,

 2.2813, 4.0846,

373.3152, 347.0882

2.0223

376.0080,
439.0746, 411.7231

■ 0.7851, 1.7210,
0.5690

■ 0.0000, 0.4372,
0.0000

■ 67.4368, 85.1534,
71.2745

■ 67.4368, 85.1534,
71.2745

■ 59.4657, 81.2974,
59.5706

■ 76.7821, 89.6904,
84.5035

■ 52.7961, 78.0788,
49.3312

■ 87.5558, 94.9280,
99.3039

■ 47.3591, 75.4657,
40.5002

■ 94.1020, 98.1041,
108.5840

■ 43.0763, 73.4191,
33.0155

■ 39.8603, 71.8952,
26.8104

■ 37.6102, 70.8435,
21.8124

■ 36.2044, 70.2030,
17.9415

■ 35.6807, 69.9715,
16.1781

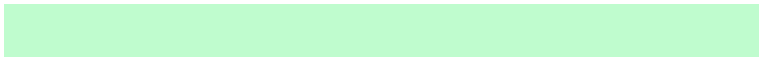
Harmonies

Analogous

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



72.8864, 85.1534, 57.6556



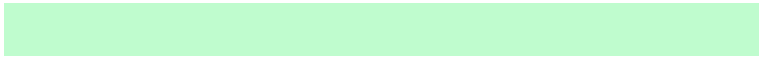
67.4368, 85.1534, 71.2745



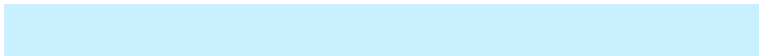
65.5451, 85.1534, 93.0147

Triad

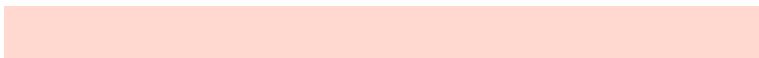
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4368, 85.1534, 71.2745



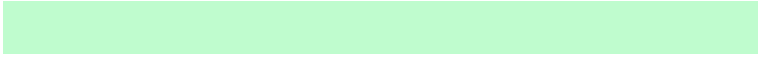
81.0394, 85.1534, 148.3941



96.0094, 85.1534, 70.8439

Complementary

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



67.4368, 85.1534, 71.2745



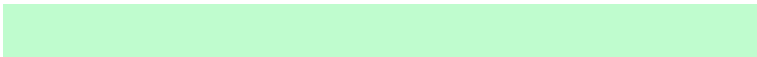
74.0646, 64.0733, 88.5880

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.



98.5647, 85.1534, 92.4211



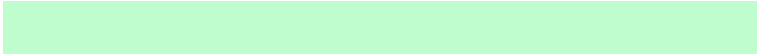
67.4368, 85.1534, 71.2745



89.5569, 85.1534, 139.7118

Square

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



67.4368, 85.1534, 71.2745



73.0539, 85.1534, 140.1023



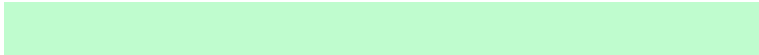
96.1256, 85.1534, 118.0803



89.3650, 85.1534, 57.4396

Rectangle

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



67.4368, 85.1534, 71.2745



66.4437, 85.1534, 110.1325



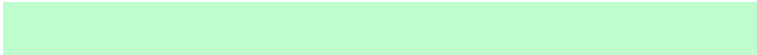
96.1256, 85.1534, 118.0803



97.3952, 85.1534, 77.2427

Sweetspot

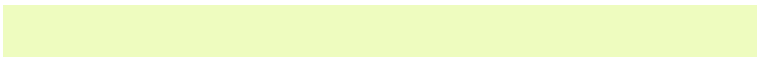
The Sweet Spot groups the original color and five complimentary colors.



67.4391, 85.1570, 71.2764



86.6930, 95.9335, 97.5899



79.3992, 91.5233, 62.7720



18.4091, 20.4624, 20.6877



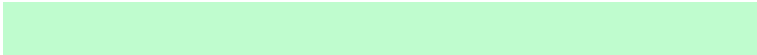
0.0000, 0.0000, 0.0000



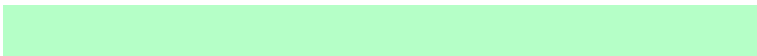
20.3446, 21.4041, 23.3091

Same Dimension

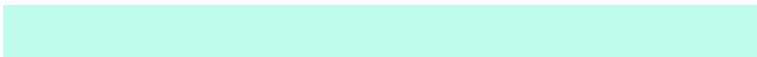
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4391, 85.1570, 71.2764



65.1638, 85.4842, 67.2411



71.4005, 86.7415, 92.1367



17.1924, 19.3792, 19.2137



18.6342, 36.4667, 8.6830



1.7660, 3.3935, 1.0157

Inverse Universe

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



74.0646, 64.0733, 88.5880



73.0332, 60.4318, 87.7950



70.0733, 62.4768, 67.5701



17.7999, 17.4473, 20.8021



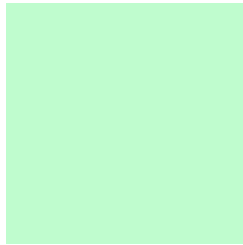
25.8169, 12.7425, 26.8079



2.4329, 1.1969, 2.7032

Previews

White Background



This preview shows how the XYZ color 67.4368, 85.1534, 71.2745 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 67.4368, 85.1534, 71.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

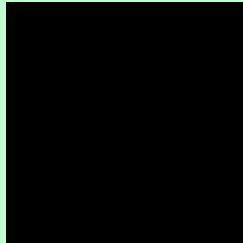
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4368, 85.1534, 71.2745

Background



This preview shows how black text looks on a background with the XYZ color 67.4368, 85.1534, 71.2745.



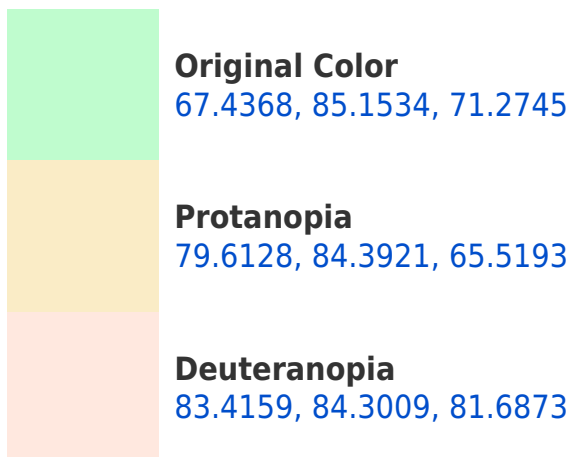
This preview shows how white text looks on a background with the XYZ color 67.4368, 85.1534,

71.2745.

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





Tritanopia

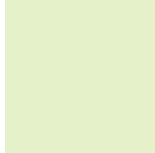
77.5337, 85.0204, 106.9319

Trichromacy



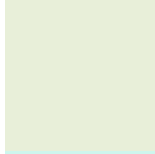
Original Color

67.4368, 85.1534, 71.2745



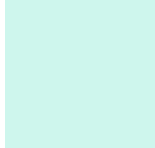
Protanomaly

74.6078, 84.3793, 67.6129



Deuteranomaly

76.6696, 83.8986, 77.7988



Tritanomaly

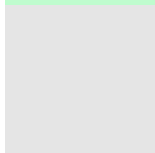
73.6954, 85.1478, 92.6718

Monochromacy



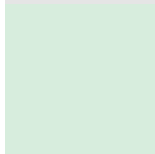
Original Color

67.4368, 85.1534, 71.2745



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.3597, 80.2359, 80.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4368, 85.1534, 71.2745 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(191, 252, 206)` looks like.

```
.text, #text, p{  
    color:rgb(191, 252, 206)  
}
```

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(191, 252, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 252, 206) }
```

Border

The CSS property to change the border of an element to XYZ 67.4368, 85.1534, 71.2745 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(191, 252, 206) }
```


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

```
.border{ border-color:rgb(191, 252, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 252, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 252, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 252, 206);  
box-shadow:4px 4px 4px 4px rgb(191, 252,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4368, 85.1534, 71.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 252, 206) }
```

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

```
.background{ background-color: rgb(191,  
252, 206) }
```

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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