

Converting Colors

XYZ(68.6658, 81.7405, 60.3031)

Have a look what the booklet for
XYZ(68.6658, 81.7405, 60.3031)
contains.

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Color

**XYZ(68.6765, 81.9214,
60.3369)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D5F3BD |
| RGB | 213, 243, 189 |
| RGB Percent | 84%, 95%, 74% |
| CMY | 0.1647, 0.0470, 0.2588 |
| CMYK | 0.12, 0.00, 0.22, 0.05 |
| HSL | 93°, 69%, 85% |
| HSV | 93°, 22%, 95% |
| XYZ | 68.6765, 81.9214, 60.3369 |
| YIQ | 227.8740, -0.5460, -23.1540 |

Conversions

Conversions Part 2

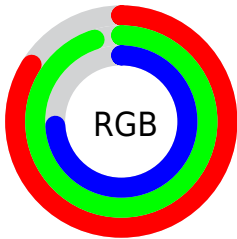
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 189, 243, 219 |
| Decimal | 14021565 |
| CIELab | 92.54, -19.18, 22.86 |
| CIELCh | 93, 29.840, 129.987 |
| Yxy | 81.9214, 0.3256, 0.3884 |
| Android (android.graphics.Color) | 4292211645 (0xFFD5F3BD) |
| YUV | 227.8740, -19.1649, -13.0445 |
| Hunter-Lab | 90.5104, -22.9530, 23.8329 |

Details

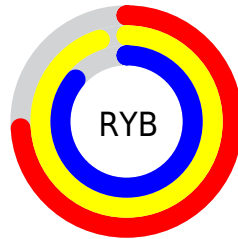
The XYZ color **68.6765, 81.9214, 60.3369** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5919, 57.9286, 92.6280**, and the grayscale version is **73.7885, 77.6313, 84.5405**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **36.2440, 44.5590, 29.6122** is the 20% darker color. If you saturate the color by 10%, you get **62.5026, 79.0208, 47.4134**, and if you desaturate by 10%, it is **75.6228, 85.1740, 75.6069**.

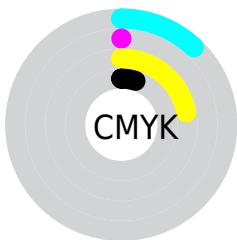
Distribution



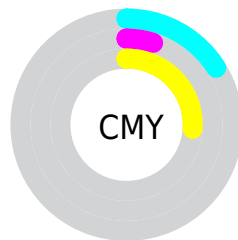
- Red (84%)
- Green (95%)
- Blue (74%)



- Red (74%)
- Yellow (95%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6765, 81.9214, 60.3369 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 68.6765, 81.9214, 60.3369 by changing the saturation by 10% instead.

68.6765, 81.9214,
60.3369

68.6765, 81.9214,
60.3369

445.2284,
501.3847, 443.6775

50.7240, 61.3007,
43.2632

116.3560,
136.0638, 106.8664

36.2091, 44.4679,
29.7587

146.8137,
170.3543, 137.1592

24.7666, 31.0385,
19.4050

182.1705,
209.9702, 172.6955

16.0311, 20.6282,
11.7835

222.7917,
255.2959, 213.8938

9.6371, 12.8525,
6.4757

269.0428,
306.7158, 261.1726

5.2194, 7.3271,
3.0630

321.2890,

2.4127, 3.6675,

364.6144, 314.9504

1.1269

379.8958,
429.3759, 375.6459

■ 0.8514, 1.4893,
0.0000

■ 0.0000, 0.2812,
0.0000

■ 68.6765, 81.9214,
60.3369

■ 68.6765, 81.9214,
60.3369

■ 62.5026, 79.0208,
47.4134

■ 75.6228, 85.1740,
75.6069

■ 57.0648, 76.4486,
36.7147

■ 83.3631, 88.7801,
93.3262

■ 52.3330, 74.1947,
28.1164

■ 90.7945, 92.3021,
107.6384

■ 48.2724, 72.2441,
21.4797

■ 91.3422, 92.5844,
107.6641

■ 44.8447, 70.5804,
16.6489

■ 42.0065, 69.1853,
13.4448

■ 39.7070, 68.0371,
11.6513

■ 38.2355, 67.2920,
10.9734

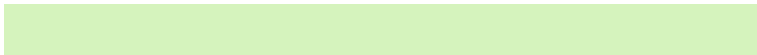
Harmonies

Analogous

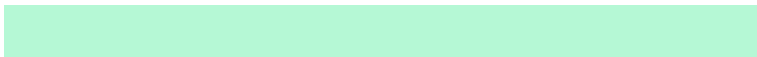
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3084, 81.9214, 53.4291



68.6765, 81.9214, 60.3369



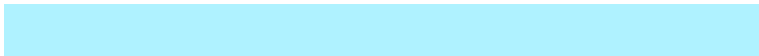
64.6866, 81.9214, 75.3780

Triad

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



68.6765, 81.9214, 60.3369



72.8754, 81.9214, 135.5989



93.4782, 81.9214, 82.0011

Complementary

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



68.6765, 81.9214, 60.3369



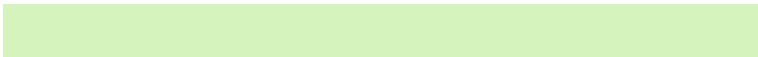
63.5919, 57.9286, 92.6280

Split Complementary

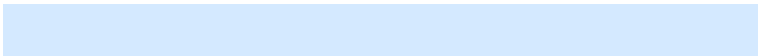
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7190, 81.9214, 104.6128



68.6765, 81.9214, 60.3369



80.4764, 81.9214, 138.1666

Square

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



68.6765, 81.9214, 60.3369



66.9971, 81.9214, 119.5246



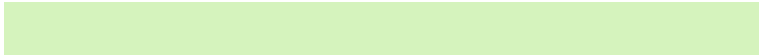
87.8360, 81.9214, 126.0486



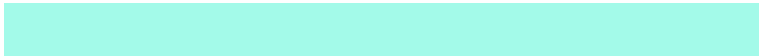
89.8463, 81.9214, 64.4919

Rectangle

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



68.6765, 81.9214, 60.3369



63.8948, 81.9214, 89.1889



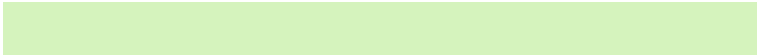
87.8360, 81.9214, 126.0486



93.7334, 81.9214, 89.2080

Sweetspot

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



68.6787, 81.9250, 60.3387



88.7530, 97.0705, 94.2944



71.4039, 73.2386, 58.5184



18.8851, 20.7250, 19.9272



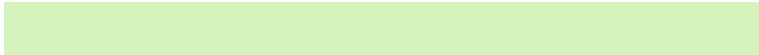
0.0000, 0.0000, 0.0000



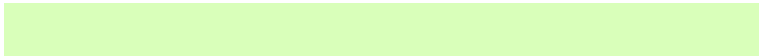
20.3446, 21.4041, 23.3091

Same Dimension

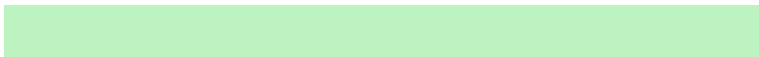
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.6787, 81.9250, 60.3387



73.1790, 89.7845, 60.0112



62.5205, 78.7161, 61.5950



16.9813, 18.8324, 17.5376



21.1336, 37.0076, 6.0293



1.9737, 3.3125, 0.5354

Inverse Universe

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



63.5919, 57.9286, 92.6280



66.5061, 58.3128, 102.3580



70.9357, 61.7612, 90.8584



16.4617, 16.3807, 20.8367



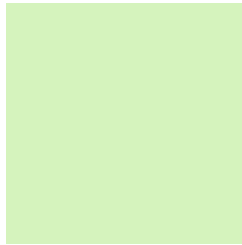
14.5213, 6.4603, 47.0196



1.3944, 0.6287, 4.1381

Previews

White Background



This preview shows how the XYZ color 68.6765, 81.9214, 60.3369 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 68.6765, 81.9214, 60.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

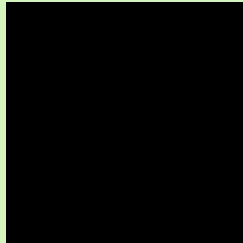
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

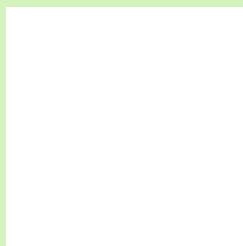
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.6765, 81.9214, 60.3369

Background



This preview shows how black text looks on a background with the XYZ color 68.6765, 81.9214, 60.3369.

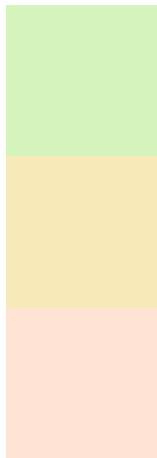


This preview shows how white text looks on a background with the XYZ color 68.6765, 81.9214,

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

68.6765, 81.9214, 60.3369

Protanopia

76.5020, 81.6950, 57.0840

Deuteranopia

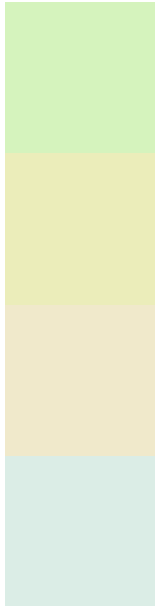
80.7413, 81.4500, 73.0939



Tritanopia

77.5839, 81.6255, 104.5947

Trichromacy



Original Color

68.6765, 81.9214, 60.3369

Protanomaly

73.4081, 81.7757, 58.3696

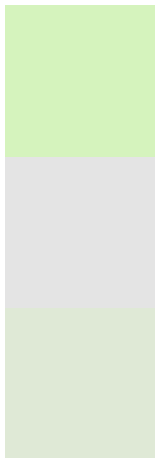
Deuteranomaly

75.8536, 81.1149, 68.1587

Tritanomaly

73.7805, 81.3416, 86.6748

Monochromacy



Original Color

68.6765, 81.9214, 60.3369

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

71.7079, 78.8208, 75.0529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6765, 81.9214, 60.3369 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(213, 243, 189)` looks like.

```
.text, #text, p{  
    color:rgb(213, 243, 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(213, 243, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 243, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.6765, 81.9214, 60.3369 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(213, 243, 189) }
```


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

```
.border{ border-color:rgb(213, 243, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 243, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 243, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 243, 189);  
box-shadow:4px 4px 4px 4px rgb(213, 243,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6765, 81.9214, 60.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 243, 189) }
```

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

```
.background{ background-color: rgb(213,  
243, 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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