

Converting Colors

XYZ(69.1679, 82.2027, 58.9044)

Have a look what the booklet for
XYZ(69.1679, 82.2027, 58.9044)
contains.

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Color

**XYZ(69.2324, 82.2453,
58.6804)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D8F3BA |
| RGB | 216, 243, 186 |
| RGB Percent | 85%, 95%, 73% |
| CMY | 0.1529, 0.0470, 0.2706 |
| CMYK | 0.11, 0.00, 0.23, 0.05 |
| HSL | 88°, 70%, 84% |
| HSV | 88°, 23%, 95% |
| XYZ | 69.2324, 82.2453, 58.6804 |
| YIQ | 228.4290, 2.2050, -23.4510 |

Conversions

Conversions Part 2

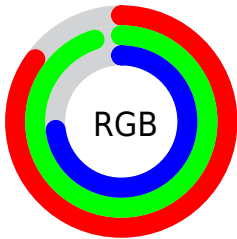
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 186, 243, 213 |
| Decimal | 14218170 |
| CIELab | 92.68, -18.58, 24.63 |
| CIElCh | 93, 30.852, 127.039 |
| Yxy | 82.2453, 0.3294, 0.3913 |
| Android (android.graphics.Color) | 4292408250 (0xFFD8F3BA) |
| YUV | 228.4290, -20.9175, -10.9002 |
| Hunter-Lab | 90.6892, -22.4387, 25.1189 |

Details

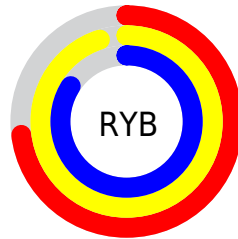
The XYZ color **69.2324, 82.2453, 58.6804** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.1806, 55.7374, 92.3323**, and the grayscale version is **74.2062, 78.0707, 85.0190**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **36.7019, 44.8112, 28.9053** is the 20% darker color. If you saturate the color by 10%, you get **63.5833, 79.6091, 46.0584**, and if you desaturate by 10%, it is **75.5635, 85.1873, 73.6309**.

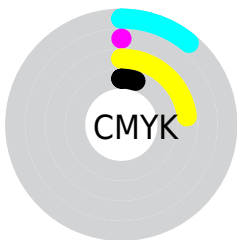
Distribution



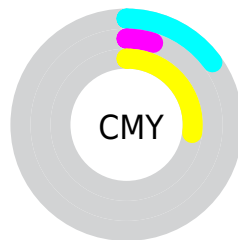
- Red (85%)
- Green (95%)
- Blue (73%)



- Red (73%)
- Yellow (95%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2324, 82.2453, 58.6804 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 69.2324, 82.2453, 58.6804 by changing the saturation by 10% instead.

69.2324, 82.2453,
58.6804

69.2324, 82.2453,
58.6804

447.1588,
502.4678, 437.3854

51.1783, 61.5678,
41.9376

117.1457,
136.5179, 104.4376

36.5722, 44.6835,
28.7272

147.7356,
170.8818, 134.2890

25.0486, 31.2082,
18.6308

183.2349,
210.5766, 169.3470

16.2422, 20.7575,
11.2297

224.0089,
255.9867, 210.0302

9.7876, 12.9468,
6.1054

270.4229,
307.4965, 256.7571

5.3195, 7.3919,
2.8395

322.8423,

2.4726, 3.7084,

365.4903, 309.9462

1.0133

381.6325,
430.3526, 370.0161

■ 0.8815, 1.5118,
0.0000

■ 0.0000, 0.2970,
0.0000

■ 69.2324, 82.2453,
58.6804

■ 69.2324, 82.2453,
58.6804

■ 63.5833, 79.6091,
46.0584

■ 75.5635, 85.1873,
73.6309

■ 58.5827, 77.2566,
35.6424

■ 82.5955, 88.4349,
91.0135

■ 54.2036, 75.1790,
27.3066

■ 89.7195, 91.7480,
107.5882

■ 50.4142, 73.3632,
20.9106

■ 91.3423, 92.5846,
107.6641

■ 47.1791, 71.7942,
16.2964

■ 44.4583, 70.4555,
13.2813

■ 42.2036, 69.3271,
11.6433

■ 40.9368, 68.6847,
11.0999

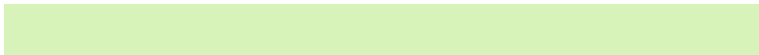
Harmonies

Analogous

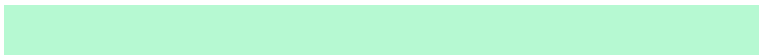
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2941, 82.2453, 52.4342



69.2324, 82.2453, 58.6804



64.7954, 82.2453, 73.3805

Triad

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



69.2324, 82.2453, 58.6804



72.3001, 82.2453, 136.7665



94.5239, 82.2453, 84.2389

Complementary

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



69.2324, 82.2453, 58.6804



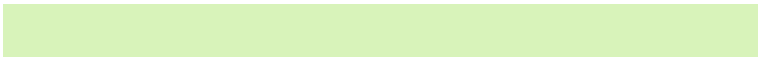
61.1806, 55.7374, 92.3323

Split Complementary

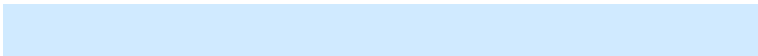
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2728, 82.2453, 107.9383



69.2324, 82.2453, 58.6804



80.0798, 82.2453, 141.0151

Square

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



69.2324, 82.2453, 58.6804



66.4800, 82.2453, 118.9256



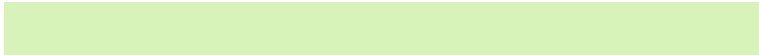
87.8491, 82.2453, 129.7026



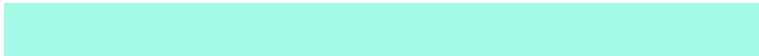
91.1596, 82.2453, 65.4618

Rectangle

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



69.2324, 82.2453, 58.6804



63.7396, 82.2453, 87.2860



87.8491, 82.2453, 129.7026



94.6327, 82.2453, 91.8552

Sweetspot

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



69.2345, 82.2489, 58.6822



89.2650, 97.3345, 94.3184



69.5220, 69.9904, 56.3009



19.0036, 20.7861, 19.9328



0.0000, 0.0000, 0.0000



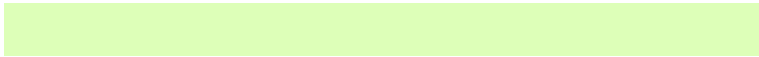
20.3446, 21.4041, 23.3091

Same Dimension

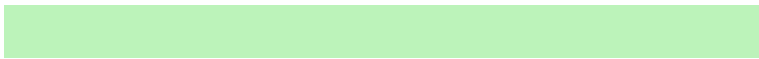
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2345, 82.2489, 58.6822



74.2419, 90.3635, 58.6568



61.6304, 78.3288, 58.3263



17.1146, 18.9011, 17.5438



22.6235, 37.7756, 6.0990



2.1070, 3.3813, 0.5416

Inverse Universe

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



61.1806, 55.7374, 92.3323



63.8494, 56.1520, 102.0809



70.0496, 60.3095, 92.7474



16.3279, 16.3117, 20.8305



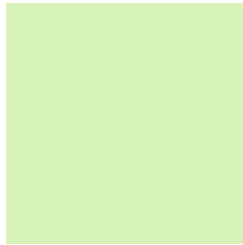
12.9212, 5.6354, 46.9447



1.2534, 0.5560, 4.1315

Previews

White Background



This preview shows how the XYZ color 69.2324, 82.2453, 58.6804 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 69.2324, 82.2453, 58.6804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

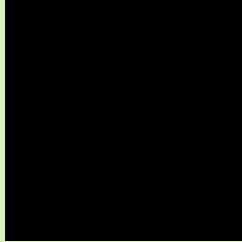
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

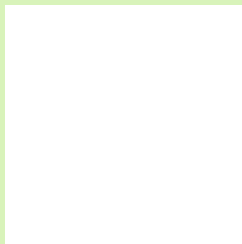
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2324, 82.2453, 58.6804

Background



This preview shows how black text looks on a background with the XYZ color 69.2324, 82.2453, 58.6804.



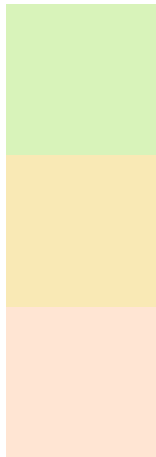
This preview shows how white text looks on a background with the XYZ color 69.2324, 82.2453,

58.6804.

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

69.2324, 82.2453, 58.6804

Protanopia

76.5463, 81.7538, 55.4617

Deuteranopia

81.0172, 82.0018, 73.1859



Tritanopia

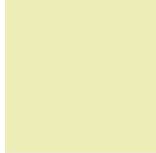
78.5165, 82.1062, 104.6383

Trichromacy



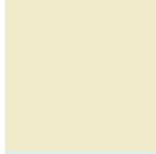
Original Color

69.2324, 82.2453, 58.6804



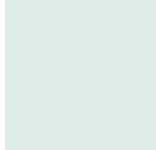
Protanomaly

73.7565, 81.9918, 56.7384



Deuteranomaly

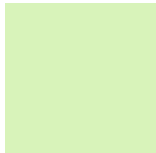
76.3591, 81.8107, 67.6436



Tritanomaly

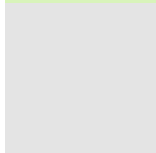
74.5512, 81.7551, 85.9798

Monochromacy



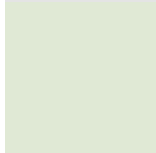
Original Color

69.2324, 82.2453, 58.6804



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.8896, 78.9292, 74.3967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2324, 82.2453, 58.6804 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(216, 243, 186)` looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 186)  
}
```

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(216, 243, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 186) }
```

Border

The CSS property to change the border of an element to XYZ 69.2324, 82.2453, 58.6804 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(216, 243, 186) }
```


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

```
.border{ border-color:rgb(216, 243, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 243, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 243, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 243, 186); box-shadow:4px 4px 4px 4px rgb(216, 243, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2324, 82.2453, 58.6804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 186) }
```

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

```
.background{ background-color: rgb(216,  
243, 186) }
```

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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