

Converting Colors

XYZ(69.4900, 82.1314, 69.9493)

Have a look what the booklet for
XYZ(69.4900, 82.1314, 69.9493)
contains.

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Color

**XYZ(69.3645, 82.0643,
69.9417)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F3CD
RGB	209, 243, 205
RGB Percent	82%, 95%, 80%
CMY	0.1804, 0.0470, 0.1961
CMYK	0.14, 0.00, 0.16, 0.05
HSL	114°, 61%, 88%
HSV	114°, 16%, 95%
XYZ	69.3645, 82.0643, 69.9417
YIQ	228.5020, -8.0660, -19.0260

Conversions

Conversions Part 2

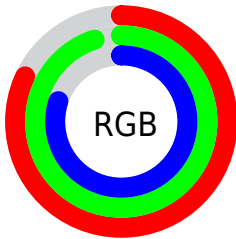
Format	Color
R _Y B	205, 243, 239
Decimal	13759437
CIE Lab	92.60, -17.95, 14.68
CIE LCh	93, 23.193, 140.728
Yxy	82.0643, 0.3133, 0.3707
Android (android.graphics.Color)	4291949517 (0xFFD1F3CD)
YUV	228.5020, -11.5865, -17.1033
Hunter-Lab	90.5893, -21.8534, 17.6363

Details

The XYZ color **69.3645, 82.0643, 69.9417** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.6090, 68.4868, 94.1380**, and the grayscale version is **74.1989, 78.0630, 85.0106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6827, 44.6450, 35.9621** is the 20% darker color. If you saturate the color by 10%, you get **60.9187, 78.0257, 55.4053**, and if you desaturate by 10%, it is **79.1100, 86.7250, 86.9204**.

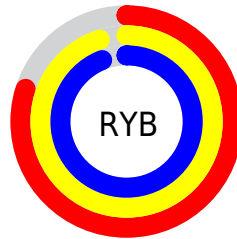
Distribution



Red (82%)

Green (95%)

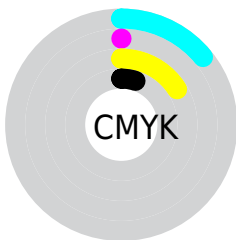
Blue (80%)



Red (80%)

Yellow (95%)

Blue (94%)

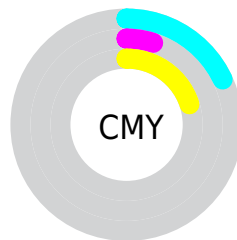


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (5%)



Cyan (18%)

Magenta (5%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3645, 82.0643, 69.9417 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 69.3645, 82.0643, 69.9417 by changing the saturation by 10% instead.

69.3645, 82.0643,
69.9417

69.3645, 82.0643,
69.9417

447.6168,
501.8627, 479.1289

51.2863, 61.4185,
51.0025

117.3333,
136.2642, 120.8059

36.6585, 44.5630,
35.8339

147.9546,
170.5871, 153.5681

25.1157, 31.1134,
24.0172

183.4876,
210.2378, 191.7749

16.2924, 20.6852,
15.1341

224.2978,
255.6007, 235.8450

9.8235, 12.8941,
8.7659

270.7505,
307.0603, 286.1969

5.3434, 7.3557,
4.4941

323.2109,

2.4870, 3.6855,

365.0009, 343.2492

1.9001

382.0446,
429.8069, 407.4203

■ 0.8887, 1.4992,
0.4928

■ 0.0000, 0.2882,
0.0000

■ 69.3645, 82.0643,
69.9417

■ 69.3645, 82.0643,
69.9417

■ 60.9187, 78.0257,
55.4053

■ 79.1100, 86.7250,
86.9204

■ 53.7112, 74.5730,
43.1939

■ 90.1999, 92.0215,
106.4409

■ 47.6856, 71.6818,
33.1885

■ 91.3422, 92.5845,
107.6641

■ 42.7783, 69.3225,
25.2575

■ 38.9199, 67.4623,
19.2553

■ 36.0332, 66.0649,
15.0174

■ 34.0299, 65.0891,
12.3521

■ 32.8053, 64.4860,
11.0226

■ 32.4674, 64.3185,
10.7035

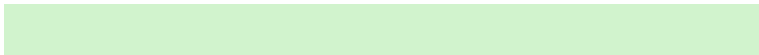
Harmonies

Analogous

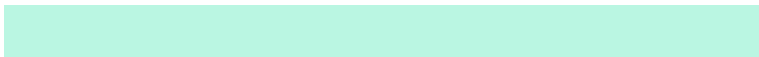
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9679, 82.0643, 61.7593



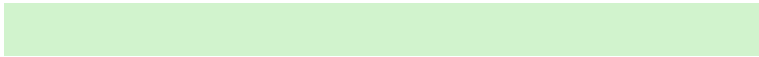
69.3645, 82.0643, 69.9417



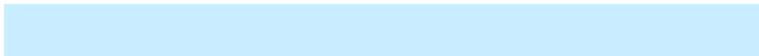
67.1082, 82.0643, 84.1106

Triad

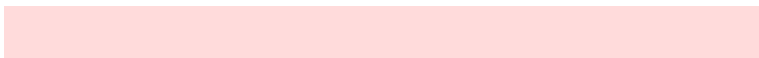
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3645, 82.0643, 69.9417



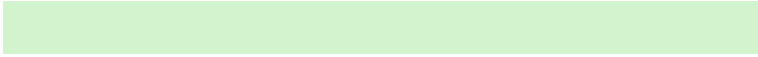
76.1466, 82.0643, 126.2916



89.3527, 82.0643, 78.1102

Complementary

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



69.3645, 82.0643, 69.9417



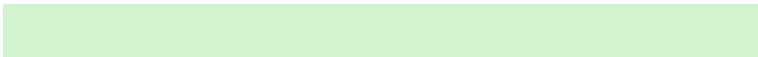
73.6090, 68.4868, 94.1380

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.



90.0101, 82.0643, 94.8111



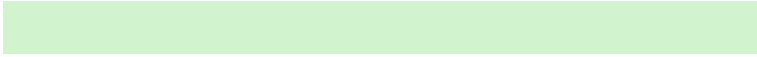
69.3645, 82.0643, 69.9417



82.1753, 82.0643, 124.1435

Square

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



69.3645, 82.0643, 69.9417



70.8888, 82.0643, 117.6012



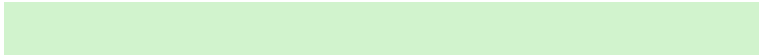
87.3233, 82.0643, 112.0621



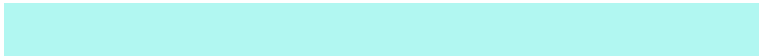
85.5708, 82.0643, 66.0363

Rectangle

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



69.3645, 82.0643, 69.9417



67.1545, 82.0643, 95.6783



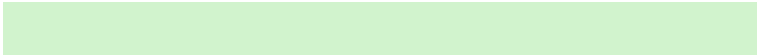
87.3233, 82.0643, 112.0621



89.9538, 82.0643, 83.3149

Sweetspot

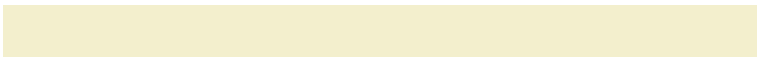
The Sweet Spot groups the original color and five complimentary colors.



69.3667, 82.0678, 69.9435



88.9913, 97.1060, 98.2544



78.7250, 84.9461, 70.0058



18.8721, 20.7007, 20.7226



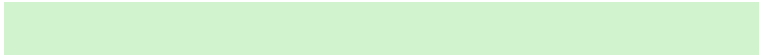
0.0000, 0.0000, 0.0000



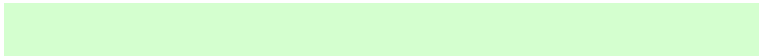
20.3446, 21.4041, 23.3091

Same Dimension

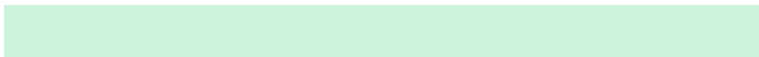
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3667, 82.0678, 69.9435



74.0177, 89.9479, 72.2040



70.0910, 82.2284, 79.5894



16.4440, 18.5554, 17.5124



17.8707, 35.3255, 5.8766



1.6233, 3.1319, 0.5190

Inverse Universe

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



73.6090, 68.4868, 94.1380



79.6430, 71.9337, 104.2947



72.8602, 68.3450, 83.0694



17.0318, 16.6745, 20.8634



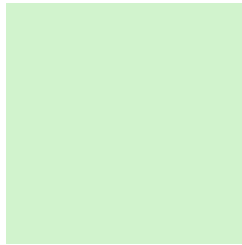
24.7227, 11.7194, 47.4971



2.2213, 1.0550, 4.1768

Previews

White Background



This preview shows how the XYZ color 69.3645, 82.0643, 69.9417 looks on a white background.

Color Contrast Check

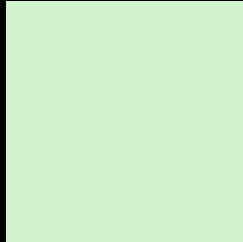
Large Text (above 18pt) WCAG AA × Fail

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 69.3645, 82.0643, 69.9417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

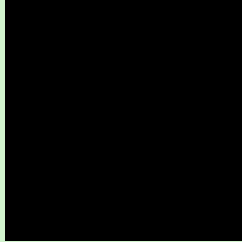
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

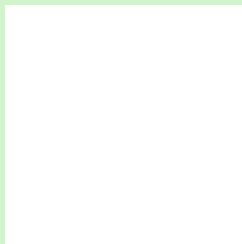
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3645, 82.0643, 69.9417

Background



This preview shows how black text looks on a background with the XYZ color 69.3645, 82.0643, 69.9417.

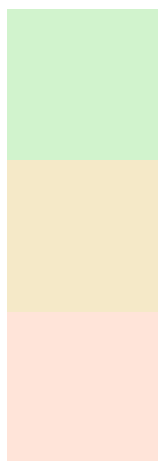


This preview shows how white text looks on a background with the XYZ color 69.3645, 82.0643,

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

69.3645, 82.0643, 69.9417

Protanopia

77.2204, 81.8604, 66.3743

Deuteranopia

81.5078, 81.7566, 77.1303



Tritanopia

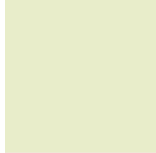
76.6607, 81.9626, 106.3877

Trichromacy



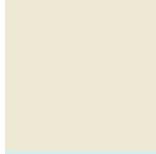
Original Color

69.3645, 82.0643, 69.9417



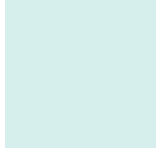
Protanomaly

74.2236, 81.9884, 67.7905



Deuteranomaly

76.4090, 81.2591, 74.6082



Tritanomaly

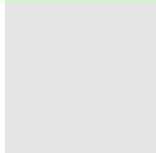
73.8841, 82.1436, 92.0819

Monochromacy



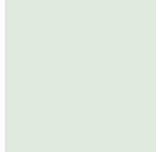
Original Color

69.3645, 82.0643, 69.9417



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

72.4653, 79.5425, 79.2441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3645, 82.0643, 69.9417 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(209, 243, 205)` looks like.

```
.text, #text, p{  
    color:rgb(209, 243, 205)  
}
```

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(209, 243, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 243, 205) }
```

Border

The CSS property to change the border of an element to XYZ 69.3645, 82.0643, 69.9417 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(209, 243, 205) }
```


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

```
.border{ border-color:rgb(209, 243, 205) }
```

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

Here you see how a box with a 4 pixel rgb(209, 243, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 243, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 243, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 243,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3645, 82.0643, 69.9417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 243, 205) }
```

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

```
.background{ background-color: rgb(209,  
243, 205) }
```

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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