

Converting Colors

XYZ(69.2273, 81.9044, 69.4844)

Have a look what the booklet for
XYZ(69.2273, 81.9044, 69.4844)
contains.

XYZ(69.2442, 82.0161, 69.3079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.2442, 82.0161,
69.3079)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F3CC
RGB	209, 243, 204
RGB Percent	82%, 95%, 80%
CMY	0.1804, 0.0470, 0.2000
CMYK	0.14, 0.00, 0.16, 0.05
HSL	112°, 62%, 88%
HSV	112°, 16%, 95%
XYZ	69.2442, 82.0161, 69.3079
YIQ	228.3880, -7.7450, -19.3370

Conversions

Conversions Part 2

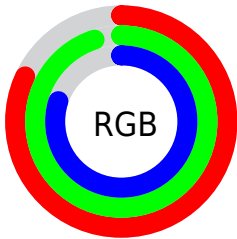
Format	Color
RYB	204, 243, 238
Decimal	13759436
CIELab	92.58, -18.12, 15.17
CIELCh	93, 23.632, 140.075
Yxy	82.0161, 0.3139, 0.3718
Android (android.graphics.Color)	4291949516 (0xFFD1F3CC)
YUV	228.3880, -12.0233, -17.0033
Hunter-Lab	90.5627, -22.0038, 18.0191

Details

The XYZ color **69.2442, 82.0161, 69.3079** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.0337, 67.8362, 94.0426**, and the grayscale version is **74.1182, 77.9781, 84.9181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6018, 44.6127, 35.5362** is the 20% darker color. If you saturate the color by 10%, you get **60.9537, 78.0555, 54.8744**, and if you desaturate by 10%, it is **78.7910, 86.5766, 86.1774**.

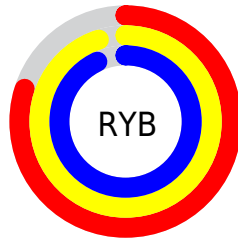
Distribution



Red (82%)

Green (95%)

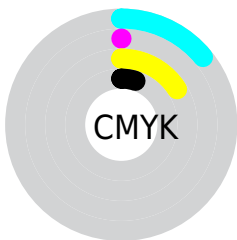
Blue (80%)



Red (80%)

Yellow (95%)

Blue (93%)

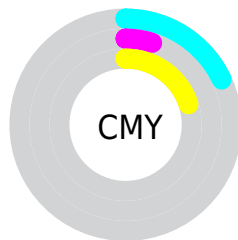


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (5%)



Cyan (18%)

Magenta (5%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2442, 82.0161, 69.3079 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 69.2442, 82.0161, 69.3079 by changing the saturation by 10% instead.

69.2442, 82.0161,
69.3079

69.2442, 82.0161,
69.3079

447.1997,
501.7015, 476.8395

51.1880, 61.3788,
50.4892

117.1625,
136.1966, 119.8931

36.5799, 44.5309,
35.4283

147.7552,
170.5086, 152.4966

25.0546, 31.0881,
23.7068

183.2575,
210.1475, 190.5322

16.2467, 20.6660,
14.9061

224.0347,
255.4979, 234.4184

9.7908, 12.8801,
8.6076

270.4522,
306.9442, 284.5736

5.3217, 7.3460,
4.3928

322.8753,

2.4739, 3.6794,

364.8706, 341.4165

1.8432

381.6693,
429.6616, 405.3656

■ 0.8821, 1.4959,
0.4563

■ 0.0000, 0.2858,
0.0000

■ 69.2442, 82.0161,
69.3079

■ 69.2442, 82.0161,
69.3079

■ 60.9537, 78.0555,
54.8744

■ 78.7910, 86.5766,
86.1774

■ 53.8606, 74.6597,
42.7592

■ 89.6367, 91.7495,
105.5824

■ 47.9112, 71.8060,
32.8432

■ 91.3422, 92.5844,
107.6641

■ 43.0451, 69.4661,
24.9944

■ 39.1961, 67.6091,
19.0666

■ 36.2909, 66.2007,
14.8948

■ 34.2456, 65.2019,
12.2860

■ 32.9611, 64.5669,
11.0010

■ 32.6217, 64.3980,
10.7107

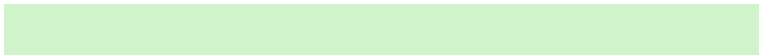
Harmonies

Analogous

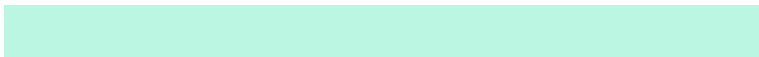
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9705, 82.0161, 61.1546



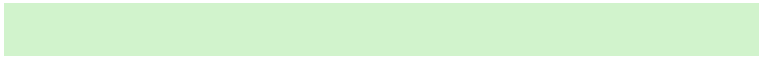
69.2442, 82.0161, 69.3079



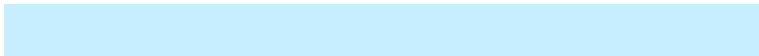
66.8909, 82.0161, 83.5983

Triad

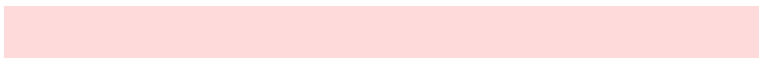
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2442, 82.0161, 69.3079



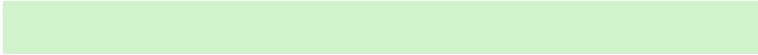
75.9361, 82.0161, 126.9283



89.5793, 82.0161, 78.1892

Complementary

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



69.2442, 82.0161, 69.3079



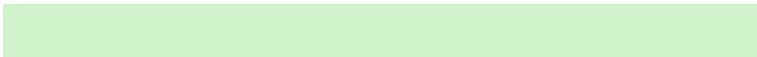
73.0337, 67.8362, 94.0426

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.



90.1738, 82.0161, 95.2586



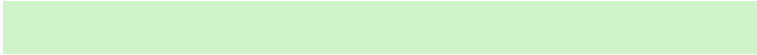
69.2442, 82.0161, 69.3079



82.0777, 82.0161, 124.9809

Square

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



69.2442, 82.0161, 69.3079



70.6182, 82.0161, 117.8284



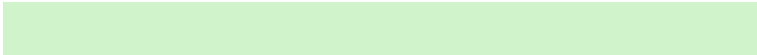
87.3648, 82.0161, 112.8121



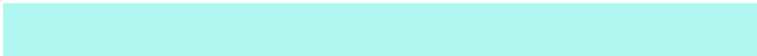
85.7807, 82.0161, 65.7962

Rectangle

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



69.2442, 82.0161, 69.3079



66.8958, 82.0161, 95.3491



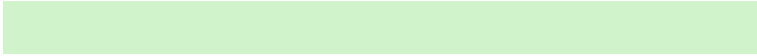
87.3648, 82.0161, 112.8121



90.1679, 82.0161, 83.5153

Sweetspot

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



69.2464, 82.0196, 69.3097



89.0927, 97.1582, 98.2591



78.3811, 84.4509, 69.2975



18.8966, 20.7134, 20.7237



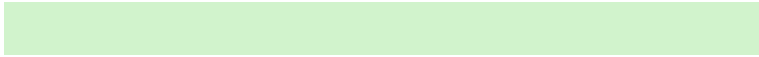
0.0000, 0.0000, 0.0000



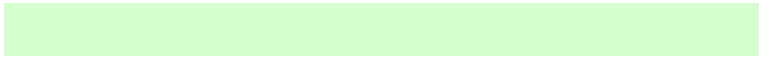
20.3446, 21.4041, 23.3091

Same Dimension

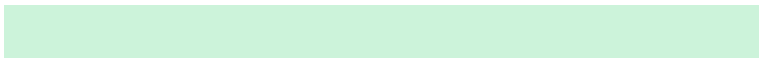
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2464, 82.0196, 69.3097



74.3386, 90.1133, 72.2190



69.6492, 82.0199, 78.6984



16.4796, 18.5738, 17.5141



17.9639, 35.3735, 5.8810



1.6401, 3.1406, 0.5197

Inverse Universe

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



73.0337, 67.8362, 94.0426



79.2459, 71.7290, 104.2761



72.6589, 67.8829, 83.1855



16.9924, 16.6543, 20.8616



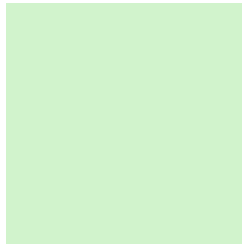
23.8380, 11.2633, 47.4556



2.1523, 1.0194, 4.1736

Previews

White Background



This preview shows how the XYZ color 69.2442, 82.0161, 69.3079 looks on a white background.

Color Contrast Check

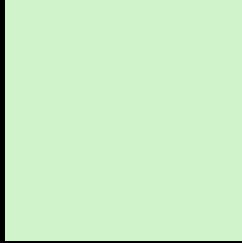
Large Text (above 18pt) WCAG AA × Fail

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 69.2442, 82.0161, 69.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

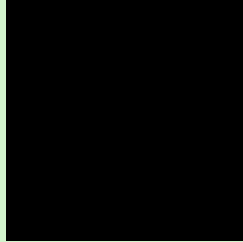
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

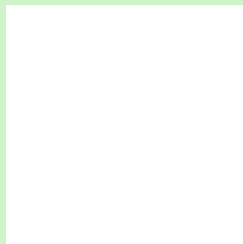
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2442, 82.0161, 69.3079

Background



This preview shows how black text looks on a background with the XYZ color 69.2442, 82.0161, 69.3079.



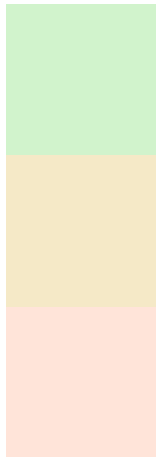
This preview shows how white text looks on a background with the XYZ color 69.2442, 82.0161,

69.3079.

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

69.2442, 82.0161, 69.3079

Protanopia

77.1039, 81.8138, 65.7607

Deuteranopia

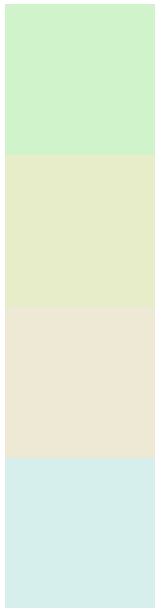
81.5078, 81.7566, 77.1303



Tritanopia

76.6607, 81.9626, 106.3877

Trichromacy



Original Color

69.2442, 82.0161, 69.3079

Protanomaly

74.1055, 81.9412, 67.1688

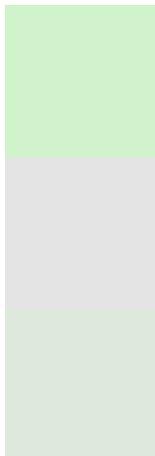
Deuteranomaly

76.2825, 81.2084, 73.9416

Tritanomaly

73.7384, 82.0853, 91.3145

Monochromacy



Original Color

69.2442, 82.0161, 69.3079

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

71.7439, 78.7645, 78.4396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2442, 82.0161, 69.3079 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(209, 243, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 243, 204) }
```

Border

The CSS property to change the border of an element to XYZ 69.2442, 82.0161, 69.3079 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, 204) }
```


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

```
.border{ border-color:rgb(209, 243, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 243, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 243, 204);  
box-shadow:4px 4px 4px 4px rgb(209, 243,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2442, 82.0161, 69.3079 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, 204) }
```

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

```
.background{ background-color: rgb(209,  
243, 204) }
```

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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