

Converting Colors

XYZ(67.5934, 82.7903, 56.8914)

Have a look what the booklet for
XYZ(67.5934, 82.7903, 56.8914)
contains.

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Color

**XYZ(67.4117, 82.6988,
56.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	D0F6B6
RGB	208, 246, 182
RGB Percent	82%, 96%, 71%
CMY	0.1843, 0.0353, 0.2863
CMYK	0.15, 0.00, 0.26, 0.04
HSL	96°, 78%, 84%
HSV	96°, 26%, 96%
XYZ	67.4117, 82.6988, 56.6655
YIQ	227.3420, -2.1040, -27.9600

Conversions

Conversions Part 2

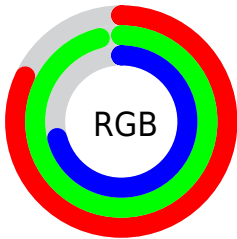
Format	Color
RYB	182, 246, 220
Decimal	13694646
CIELab	92.88, -23.42, 26.86
CIElCh	93, 35.635, 131.094
Yxy	82.6988, 0.3260, 0.3999
Android (android.graphics.Color)	4291884726 (0xFFD0F6B6)
YUV	227.3420, -22.3536, -16.9629
Hunter-Lab	90.9389, -26.8235, 26.7127

Details

The XYZ color **67.4117, 82.6988, 56.6655** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.8811, 55.3277, 94.5583**, and the grayscale version is **73.4233, 77.2470, 84.1220**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **35.5128, 45.1842, 27.6186** is the 20% darker color. If you saturate the color by 10%, you get **61.1703, 79.7521, 44.2481**, and if you desaturate by 10%, it is **74.4823, 86.0263, 71.4563**.

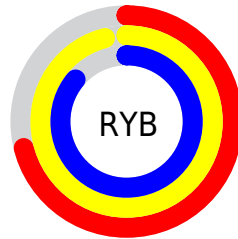
Distribution



Red (82%)

Green (96%)

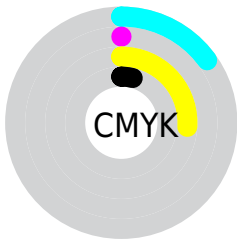
Blue (71%)



Red (71%)

Yellow (96%)

Blue (86%)

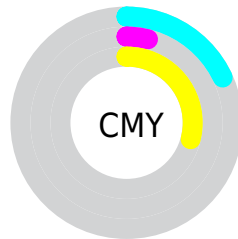


Cyan (15%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (18%)

Magenta (4%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4117, 82.6988, 56.6655 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 67.4117, 82.6988, 56.6655 by changing the saturation by 10% instead.

67.4117, 82.6988,
56.6655

67.4117, 82.6988,
56.6655

440.8183,
503.9821, 429.6533

49.6912, 61.9417,
40.3292

114.5567,
137.1535, 101.4724

35.3849, 44.9856,
27.4796

144.7119,
171.6199, 130.7801

24.1274, 31.4461,
17.6981

179.7427,
211.4249, 165.2487

15.5534, 20.9388,
10.5663

220.0144,
256.9529, 205.2966

9.2975, 13.0792,
5.6655

265.8925,
308.5882, 251.3425

4.9944, 7.4831,
2.5773

317.7423,

2.2787, 3.7660,

366.7152, 303.8049

0.8807

375.9291,
431.7184, 363.1023

0.7837, 1.5436,
0.0000

0.0000, 0.3191,
0.0000

67.4117, 82.6988,
56.6655

67.4117, 82.6988,
56.6655

61.1703, 79.7521,
44.2481

74.4823, 86.0263,
71.4563

55.7183, 77.1610,
34.0753

82.4073, 89.7376,
88.7298

51.0215, 74.9133,
26.0140

91.0885, 93.7974,
107.9116

47.0408, 72.9921,
19.9152

92.2474, 94.3949,
107.9658

■ 43.7325, 71.3784,
15.6101

■ 41.0471, 70.0512,
12.9016

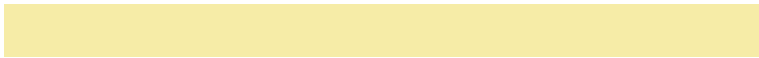
■ 38.9250, 68.9851,
11.5453

■ 38.2052, 68.6202,
11.2314

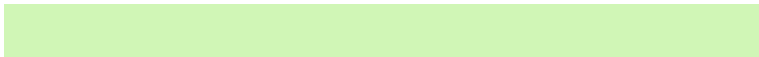
Harmonies

Analogous

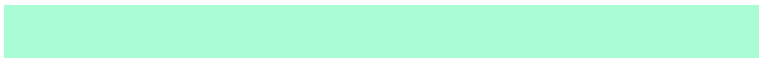
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2076, 82.6988, 48.5171



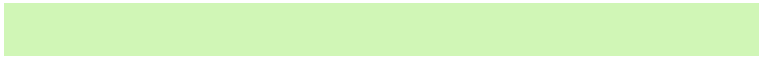
67.4117, 82.6988, 56.6655



62.8517, 82.6988, 74.4313

Triad

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



67.4117, 82.6988, 56.6655



72.9430, 82.6988, 147.7889



97.5143, 82.6988, 80.5341

Complementary

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



67.4117, 82.6988, 56.6655



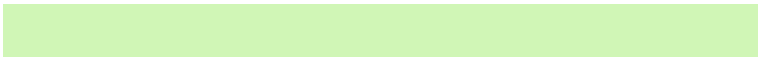
62.8811, 55.3277, 94.5583

Split Complementary

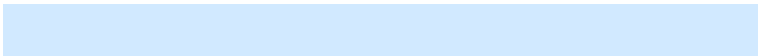
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.7872, 82.6988, 107.7023



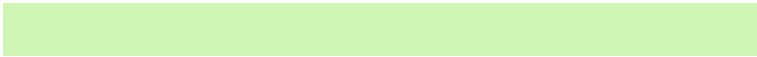
67.4117, 82.6988, 56.6655



82.0985, 82.6988, 150.3189

Square

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



67.4117, 82.6988, 56.6655



65.8667, 82.6988, 128.1295



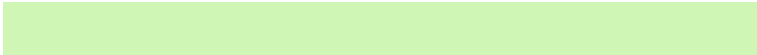
90.9684, 82.6988, 134.4808



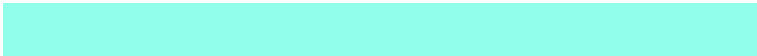
92.8830, 82.6988, 60.3709

Rectangle

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



67.4117, 82.6988, 56.6655



62.0261, 82.6988, 91.0276



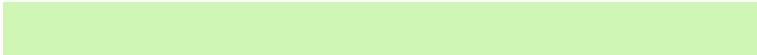
90.9684, 82.6988, 134.4808



97.8973, 82.6988, 89.0693

Sweetspot

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



67.4138, 82.7024, 56.6673



87.6207, 96.5296, 92.3086



71.8713, 73.8106, 54.7161



18.4702, 20.5283, 19.1332



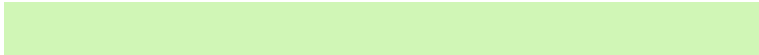
0.0000, 0.0000, 0.0000



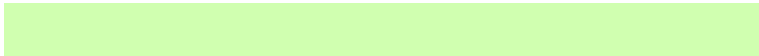
20.3446, 21.4041, 23.3091

Same Dimension

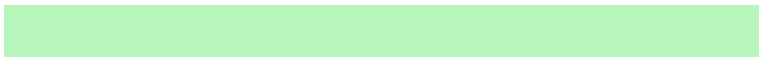
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4138, 82.7024, 56.6673



69.6210, 88.0713, 54.3784



61.2550, 79.4625, 59.3118



16.9195, 18.8006, 17.5347



20.5406, 36.7019, 6.0016



1.9186, 3.2841, 0.5328

Inverse Universe

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



62.8811, 55.3277, 94.5583



63.9628, 53.9215, 101.6444



70.5646, 59.3819, 90.7050



16.5247, 16.4131, 20.8397



15.3760, 6.9009, 47.0596



1.4676, 0.6664, 4.1415

Previews

White Background



This preview shows how the XYZ color 67.4117, 82.6988, 56.6655 looks on a white background.

Color Contrast Check

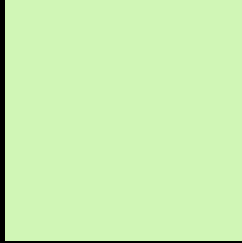
Large Text (above 18pt) WCAG AA × Fail

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 67.4117, 82.6988, 56.6655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

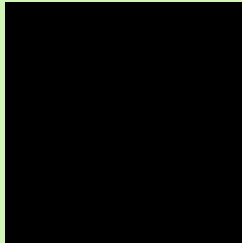
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

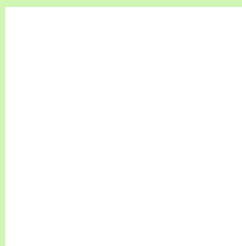
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4117, 82.6988, 56.6655

Background



This preview shows how black text looks on a background with the XYZ color 67.4117, 82.6988, 56.6655.

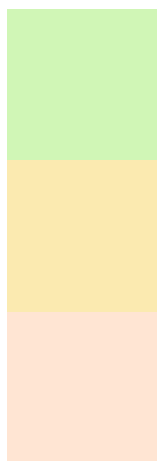


This preview shows how white text looks on a background with the XYZ color 67.4117, 82.6988,

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

67.4117, 82.6988, 56.6655

Protanopia

77.0430, 82.4895, 52.9358

Deuteranopia

81.0172, 82.0018, 73.1859



Tritanopia

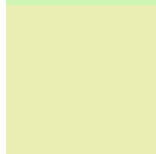
77.2589, 82.2710, 106.4156

Trichromacy



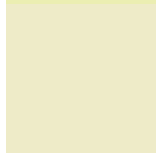
Original Color

67.4117, 82.6988, 56.6655



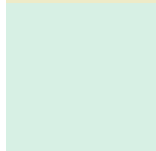
Protanomaly

72.8714, 82.0256, 54.1113



Deuteranomaly

75.3936, 81.7639, 66.4519



Tritanomaly

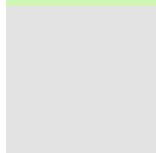
73.1880, 82.3687, 85.4401

Monochromacy



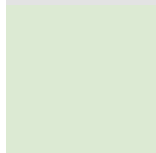
Original Color

67.4117, 82.6988, 56.6655



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

70.6959, 78.7644, 73.1050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4117, 82.6988, 56.6655 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(208, 246, 182)` looks like.

```
.text, #text, p{  
    color:rgb(208, 246, 182)  
}
```

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(208, 246, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 246, 182) }
```

Border

The CSS property to change the border of an element to XYZ 67.4117, 82.6988, 56.6655 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(208, 246, 182) }
```


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

```
.border{ border-color:rgb(208, 246, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 246, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 246, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 246, 182);  
box-shadow:4px 4px 4px 4px rgb(208, 246,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4117, 82.6988, 56.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 246, 182) }
```

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

```
.background{ background-color: rgb(208,  
246, 182) }
```

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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