

Converting Colors

XYZ(65.4537, 83.1633, 56.1178)

Have a look what the booklet for
XYZ(65.4537, 83.1633, 56.1178)
contains.

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Color

**XYZ(65.5049, 83.0933,
56.3022)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F9B5
RGB	198, 249, 181
RGB Percent	78%, 98%, 71%
CMY	0.2235, 0.0235, 0.2902
CMYK	0.20, 0.00, 0.27, 0.02
HSL	105°, 85%, 84%
HSV	105°, 27%, 98%
XYZ	65.5049, 83.0933, 56.3022
YIQ	225.9990, -8.5680, -31.9600

Conversions

Conversions Part 2

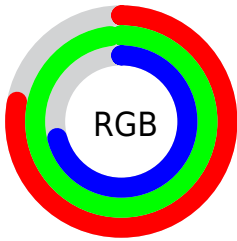
Format	Color
RYB	181, 249, 232
Decimal	13040053
CIELab	93.06, -28.41, 27.50
CIELCh	93, 39.540, 135.937
Yxy	83.0933, 0.3197, 0.4055
Android (android.graphics.Color)	4291230133 (0xFFC6F9B5)
YUV	225.9990, -22.1845, -24.5551
Hunter-Lab	91.1555, -31.2510, 27.1884

Details

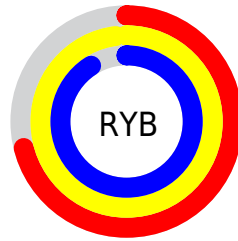
The XYZ color **65.5049, 83.0933, 56.3022** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.9049, 57.0455, 97.1115**, and the grayscale version is **72.4497, 76.2227, 83.0065**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **34.0736, 45.0974, 27.3309** is the 20% darker color. If you saturate the color by 10%, you get **58.5523, 79.7809, 43.8109**, and if you desaturate by 10%, it is **73.5255, 86.9085, 71.2305**.

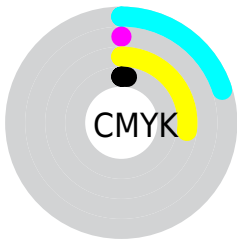
Distribution



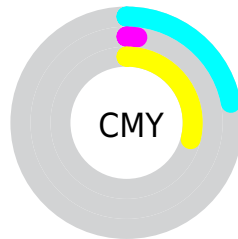
- Red (78%)
- Green (98%)
- Blue (71%)



- Red (71%)
- Yellow (98%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)





- Cyan (22%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5049, 83.0933, 56.3022 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 65.5049, 83.0933, 56.3022 by changing the saturation by 10% instead.


 65.5049, 83.0933,
56.3022

 65.5049, 83.0933,
56.3022


434.1207,
505.2974, 428.2496

 48.1368, 62.2671,
40.0396


 111.8371,
137.7061, 100.9365

 34.1470, 45.2486,
27.2554


141.5320,
172.2616, 130.1453

 23.1699, 31.6533,
17.5310

176.0664,
212.1622, 164.5066

 14.8404, 21.0968,
10.4479

215.8059,
257.7925, 204.4390

 8.7931, 13.1948,
5.5874

261.1157,
309.5367, 250.3609

 4.6625, 7.5628,
2.5312

312.3612,

 2.0833, 3.8165,

367.7794, 302.6910

0.8566

369.9078,
432.9048, 361.8477

■ 0.6801, 1.5715,
0.0000

■ 0.0000, 0.3382,
0.0000

■ 65.5049, 83.0933,
56.3022

■ 65.5049, 83.0933,
56.3022

■ 58.5523, 79.7809,
43.8109

■ 73.5255, 86.9085,
71.2305

■ 52.6150, 76.9395,
33.6220

■ 82.6511, 91.2354,
88.7098

■ 47.6452, 74.5499,
25.5962

■ 92.8112, 96.0510,
108.2558

■ 43.5885, 72.5876,
19.5770

■ 93.1673, 96.2347,
108.2724

■ 40.3847, 71.0254,
15.3866

■ 37.9653, 69.8326,
12.8162

■ 36.2472, 68.9721,
11.5949

■ 35.8793, 68.7867,
11.3861

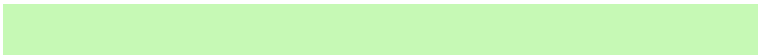
Harmonies

Analogous

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



73.6309, 83.0933, 45.9408



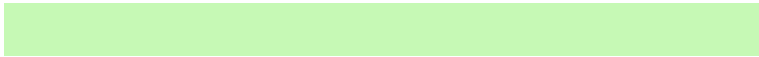
65.5049, 83.0933, 56.3022



61.1798, 83.0933, 77.3018

Triad

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



65.5049, 83.0933, 56.3022



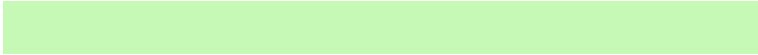
74.2332, 83.0933, 157.9029



99.7332, 83.0933, 75.6899

Complementary

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



65.5049, 83.0933, 56.3022



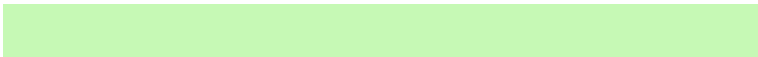
66.9049, 57.0455, 97.1115

Split Complementary

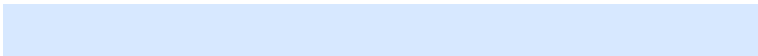
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.9304, 83.0933, 105.0645



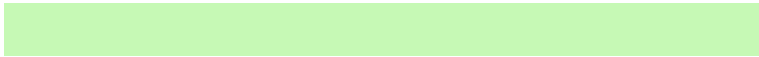
65.5049, 83.0933, 56.3022



84.5773, 83.0933, 157.2037

Square

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



65.5049, 83.0933, 56.3022



65.9125, 83.0933, 137.9983



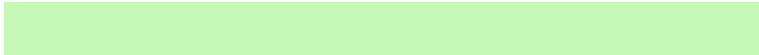
94.1817, 83.0933, 136.2570



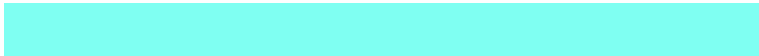
93.6644, 83.0933, 55.3457

Rectangle

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



65.5049, 83.0933, 56.3022



60.7671, 83.0933, 96.5074



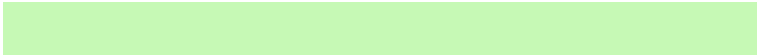
94.1817, 83.0933, 136.2570



100.5052, 83.0933, 84.6984

Sweetspot

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



65.5071, 83.0969, 56.3040



86.5309, 95.9678, 92.2576



76.2674, 81.1928, 55.3694



18.1969, 20.3874, 19.1204



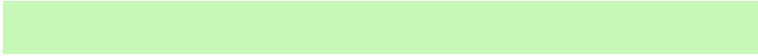
0.0000, 0.0000, 0.0000



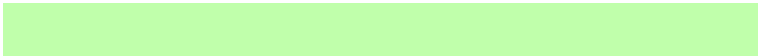
20.3446, 21.4041, 23.3091

Same Dimension

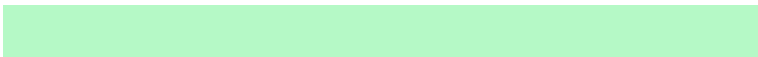
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5071, 83.0969, 56.3040



64.8055, 85.6460, 51.5689



63.1273, 81.6561, 65.8620



17.4239, 19.5188, 18.3116



19.3133, 36.8746, 6.0996



1.8813, 3.4630, 0.5693

Inverse Universe

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



66.9049, 57.0455, 97.1115



66.5047, 53.7757, 101.4823



70.1593, 59.0159, 84.0407



17.5445, 17.2933, 21.7985



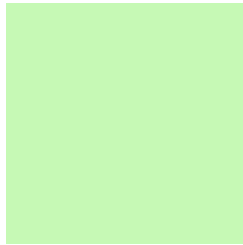
20.2277, 9.3704, 48.7161



1.9700, 0.9176, 4.5165

Previews

White Background



This preview shows how the XYZ color 65.5049, 83.0933, 56.3022 looks on a white background.

Color Contrast Check

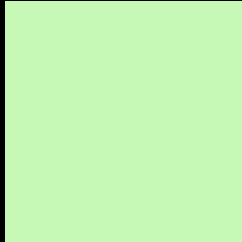
Large Text (above 18pt) WCAG AA × Fail

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 65.5049, 83.0933, 56.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

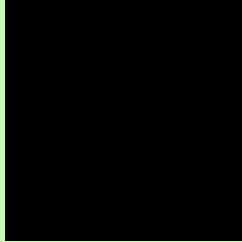
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

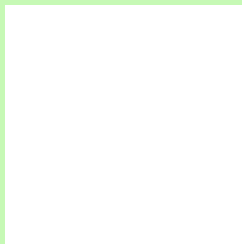
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5049, 83.0933, 56.3022

Background



This preview shows how black text looks on a background with the XYZ color 65.5049, 83.0933, 56.3022.

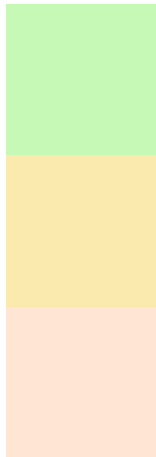


This preview shows how white text looks on a background with the XYZ color 65.5049, 83.0933,

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

65.5049, 83.0933, 56.3022

Protanopia

76.8465, 82.4109, 51.9010

Deuteranopia

81.4205, 82.6071, 73.9408



Tritanopia

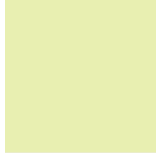
76.3561, 82.6652, 106.5393

Trichromacy



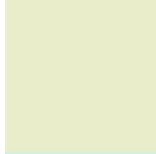
Original Color

65.5049, 83.0933, 56.3022



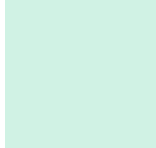
Protanomaly

72.0810, 82.0631, 53.6357



Deuteranomaly

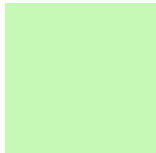
74.7585, 82.2778, 67.1994



Tritanomaly

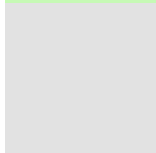
71.7681, 82.5156, 85.5433

Monochromacy



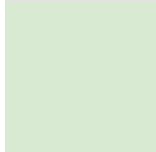
Original Color

65.5049, 83.0933, 56.3022



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

69.3746, 78.0977, 72.3907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5049, 83.0933, 56.3022 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(198, 249, 181)` looks like.

```
.text, #text, p{  
    color:rgb(198, 249, 181)  
}
```

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(198, 249, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 249, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.5049, 83.0933, 56.3022 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(198, 249, 181) }
```


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

```
.border{ border-color:rgb(198, 249, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 249, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 249, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 249, 181); box-shadow:4px 4px 4px 4px rgb(198, 249, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5049, 83.0933, 56.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 249, 181) }
```

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

```
.background{ background-color: rgb(198,  
249, 181) }
```

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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