

Converting Colors

XYZ(65.4182, 85.9268, 53.1824)

Have a look what the booklet for
XYZ(65.4182, 85.9268, 53.1824)
contains.

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Color

**XYZ(65.3923, 85.9134,
53.1808)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FFAE
RGB	193, 255, 174
RGB Percent	76%, 100%, 68%
CMY	0.2431, 0.0000, 0.3176
CMYK	0.24, 0.00, 0.32, 0.00
HSL	106°, 100%, 84%
HSV	106°, 32%, 100%
XYZ	65.3923, 85.9134, 53.1808
YIQ	227.2280, -10.9510, -38.3350

Conversions

Conversions Part 2

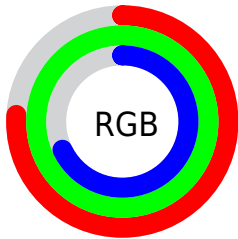
Format	Color
RYB	174, 255, 236
Decimal	12713902
CIELab	94.28, -33.92, 32.62
CIElCh	94, 47.066, 136.119
Yxy	85.9134, 0.3198, 0.4201
Android (android.graphics.Color)	4290903982 (0xFFC1FFAE)
YUV	227.2280, -26.2414, -30.0180
Hunter-Lab	92.6895, -36.2751, 30.8649

Details

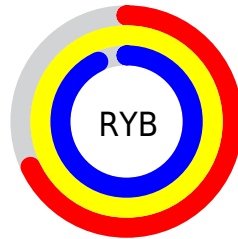
The XYZ color **65.3923, 85.9134, 53.1808** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67.7791, 55.3262, 101.7144**, and the grayscale version is **73.3699, 77.1909, 84.0609**.

A 20% lighter version of the original color is **89.8266, 97.7424, 88.9947**, and **34.1265, 47.1719, 25.3956** is the 20% darker color. If you saturate the color by 10%, you get **58.4856, 82.6134, 41.0894**, and if you desaturate by 10%, it is **73.4287, 89.7413, 67.7909**.

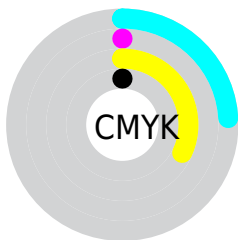
Distribution



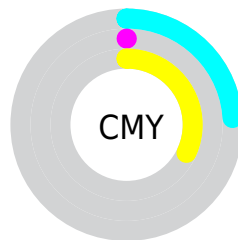
- Red (76%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3923, 85.9134, 53.1808 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 65.3923, 85.9134, 53.1808 by changing the saturation by 10% instead.


 65.3923, 85.9134,
53.1808

 65.3923, 85.9134,
53.1808


433.7234,
514.6456, 416.0643

 48.0451, 64.5964,
37.5584


 111.6762,
141.6486, 96.3146

 34.0740, 47.1339,
25.3410


141.3437,
176.8356, 124.6631

 23.1136, 33.1415,
16.1099

175.8487,
217.4147, 158.0907

 14.7986, 22.2349,
9.4468

215.5565,
263.7703, 197.0160

 8.7635, 14.0296,
4.9330

260.8326,
316.2868, 241.8574

 4.6431, 8.1412,
2.1499

312.0421,

 2.0720, 4.1855,

375.3486, 293.0336

0.6453

369.5506,
441.3401, 350.9631

■ 0.6739, 1.7778,
0.0000

■ 0.0000, 0.4733,
0.0000

■ 65.3923, 85.9134,
53.1808

■ 65.3923, 85.9134,
53.1808

■ 58.4856, 82.6134,
41.0894

■ 73.4287, 89.7413,
67.7909

■ 52.6548, 79.8166,
31.3707

■ 82.6422, 94.1186,
85.0470

■ 47.8437, 77.4974,
23.8694

■ 93.0790, 99.0666,
105.0721

■ 43.9903, 75.6277,
18.4104

■ 95.0500, 100.0000,
108.9000

■ 41.0248, 74.1760,
14.7922

■ 38.8670, 73.1061,
12.7720

■ 37.6121, 72.4748,
12.0067

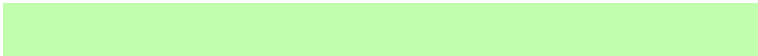
Harmonies

Analogous

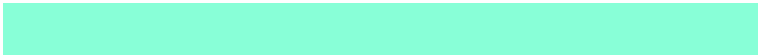
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1071, 85.9134, 41.4191



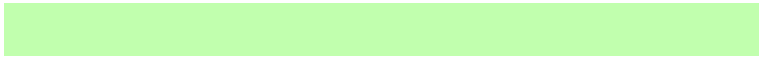
65.3923, 85.9134, 53.1808



60.3006, 85.9134, 77.8486

Triad

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



65.3923, 85.9134, 53.1808



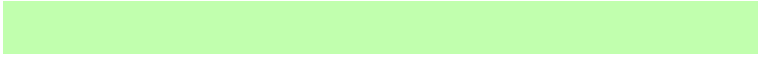
75.9757, 85.9134, 178.4924



107.2487, 85.9134, 75.5532

Complementary

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



65.3923, 85.9134, 53.1808



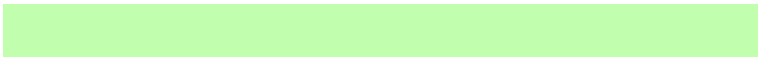
67.7791, 55.3262, 101.7144

Split Complementary

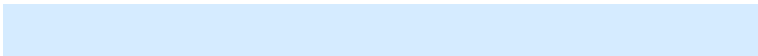
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



107.5430, 85.9134, 111.2212



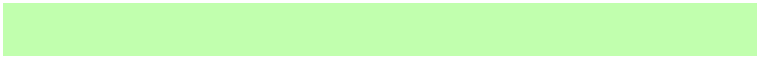
65.3923, 85.9134, 53.1808



88.5794, 85.9134, 177.4144

Square

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



65.3923, 85.9134, 53.1808



65.9716, 85.9134, 153.0835



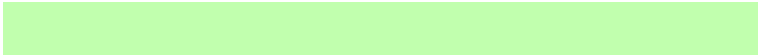
100.4196, 85.9134, 150.4352



99.6528, 85.9134, 51.8753

Rectangle

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



65.3923, 85.9134, 53.1808



59.8359, 85.9134, 101.1470



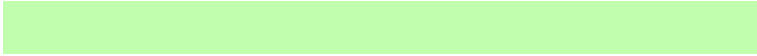
100.4196, 85.9134, 150.4352



108.2296, 85.9134, 86.3340

Sweetspot

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



65.3928, 85.9137, 53.1821



84.3928, 94.9493, 88.3744



78.5172, 83.5901, 52.0419



17.7643, 20.1811, 18.3467



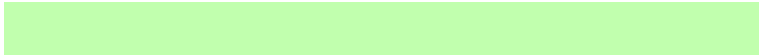
0.0000, 0.0000, 0.0000



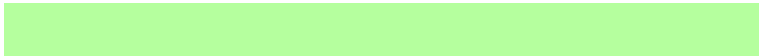
20.3446, 21.4041, 23.3091

Same Dimension

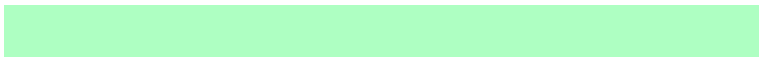
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3928, 85.9137, 53.1821



60.9560, 83.7951, 45.3543



62.9820, 84.4253, 64.1636



18.1703, 20.3737, 19.1192



19.7614, 37.9254, 6.2788



2.0156, 3.7398, 0.6156

Inverse Universe

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



67.7791, 55.3262, 101.7144



63.6608, 48.9091, 100.6929



71.3359, 57.5168, 85.7505



18.3517, 18.0730, 22.7712



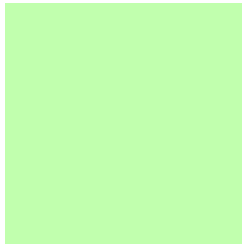
21.3552, 9.9195, 50.2237



2.1752, 1.0153, 4.8946

Previews

White Background



This preview shows how the XYZ color 65.3923, 85.9134, 53.1808 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 65.3923, 85.9134, 53.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

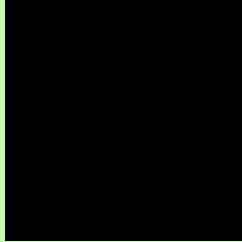
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

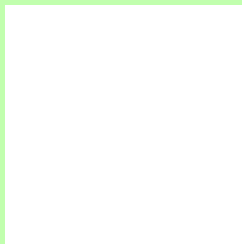
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3923, 85.9134, 53.1808

Background



This preview shows how black text looks on a background with the XYZ color 65.3923, 85.9134, 53.1808.

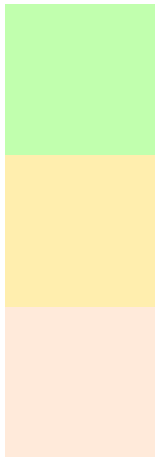


This preview shows how white text looks on a background with the XYZ color 65.3923, 85.9134,

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

65.3923, 85.9134, 53.1808

Protanopia

79.4545, 85.4651, 52.3531

Deuteranopia

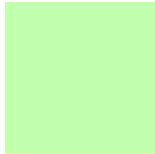
83.3177, 85.1676, 78.3773



Tritanopia

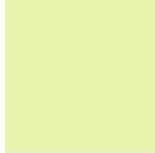
78.7156, 85.6297, 106.9872

Trichromacy



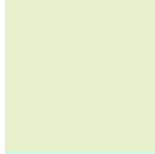
Original Color

65.3923, 85.9134, 53.1808



Protanomaly

73.2694, 84.9132, 52.5726



Deuteranomaly

75.6915, 84.9243, 68.2798



Tritanomaly

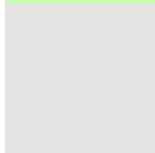
73.2827, 85.5678, 84.6053

Monochromacy



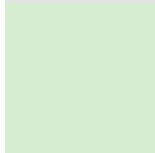
Original Color

65.3923, 85.9134, 53.1808



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.6937, 79.5695, 71.3597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3923, 85.9134, 53.1808 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(193, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 174)  
}
```

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(193, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 174) }
```

Border

The CSS property to change the border of an element to XYZ 65.3923, 85.9134, 53.1808 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(193, 255, 174) }
```


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

```
.border{ border-color:rgb(193, 255, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3923, 85.9134, 53.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 174) }
```

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

```
.background{ background-color: rgb(193,  
255, 174) }
```

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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