

Converting Colors

XYZ(65.6567, 85.9985, 55.5089)

Have a look what the booklet for
XYZ(65.6567, 85.9985, 55.5089)
contains.

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Color

**XYZ(65.5341, 85.9408,
55.2537)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFB2
RGB	192, 255, 178
RGB Percent	75%, 100%, 70%
CMY	0.2471, 0.0000, 0.3020
CMYK	0.25, 0.00, 0.30, 0.00
HSL	109°, 100%, 85%
HSV	109°, 30%, 100%
XYZ	65.5341, 85.9408, 55.2537
YIQ	227.3850, -12.8310, -37.3030

Conversions

Conversions Part 2

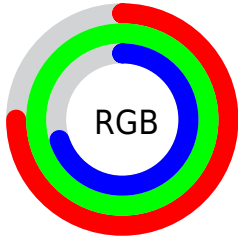
Format	Color
RYB	178, 255, 241
Decimal	12648370
CIELab	94.29, -33.66, 30.62
CIELCh	94, 45.504, 137.700
Yxy	85.9408, 0.3170, 0.4157
Android (android.graphics.Color)	4290838450 (0xFFC0FFB2)
YUV	227.3850, -24.3468, -31.0326
Hunter-Lab	92.7043, -36.0480, 29.5549

Details

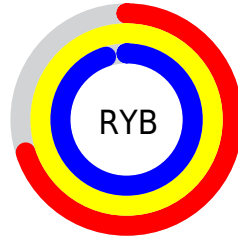
The XYZ color **65.5341, 85.9408, 55.2537** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70.2470, 57.7628, 102.0547**, and the grayscale version is **73.4720, 77.2983, 84.1779**.

A 20% lighter version of the original color is **90.0356, 97.7845, 91.9708**, and **34.2123, 47.1872, 26.7069** is the 20% darker color. If you saturate the color by 10%, you get **58.2932, 82.4768, 42.7692**, and if you desaturate by 10%, it is **74.0009, 89.9817, 70.2823**.

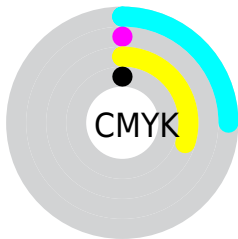
Distribution



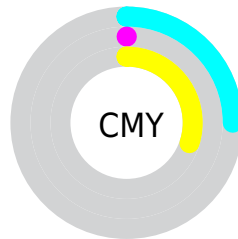
- Red (75%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (95%)



- Cyan (25%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5341, 85.9408, 55.2537 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 65.5341, 85.9408, 55.2537 by changing the saturation by 10% instead.


 65.5341, 85.9408,
55.2537

 65.5341, 85.9408,
55.2537


434.2238,
514.7360, 424.1819

 48.1606, 64.6190,
39.2049


 111.8788,
141.6869, 99.3874

 34.1659, 47.1522,
26.6101


141.5808,
176.8800, 128.3095

 23.1845, 33.1560,
17.0508


176.1229,
217.4656, 162.3597

 14.8513, 22.2460,
10.1084

215.8705,
263.8282, 201.9566

 8.8007, 14.0378,
5.3643

261.1891,
316.3521, 247.5187

 4.6675, 8.1469,
2.4001

312.4439,

 2.0863, 4.1891,

375.4218, 299.4646

0.7865

370.0004,
441.4216, 358.2128

■ 0.6817, 1.7799,
0.0000

■ 0.0000, 0.4746,
0.0000

■ 65.5341, 85.9408,
55.2537

■ 65.5341, 85.9408,
55.2537

■ 58.2932, 82.4768,
42.7692

■ 74.0009, 89.9817,
70.2823

■ 52.2189, 79.5623,
32.6844

■ 83.7460, 94.6239,
87.9809

■ 47.2492, 77.1687,
24.8461

94.8204, 99.8909,
108.4717

■ 43.3154, 75.2643,
19.0824

95.0500, 100.0000,
108.9000

■ 40.3410, 73.8138,
15.1961

■ 38.2377, 72.7770,
12.9519

■ 36.9030, 72.1092,
11.9735

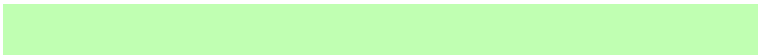
Harmonies

Analogous

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



74.7580, 85.9408, 43.0579



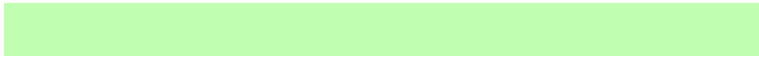
65.5341, 85.9408, 55.2537



60.8424, 85.9408, 79.9811

Triad

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



65.5341, 85.9408, 55.2537



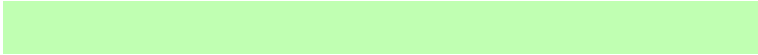
76.7884, 85.9408, 175.7539



106.1302, 85.9408, 74.6004

Complementary

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



65.5341, 85.9408, 55.2537



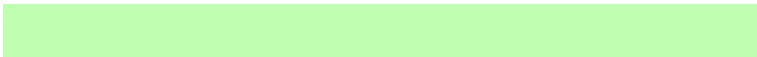
70.2470, 57.7628, 102.0547

Split Complementary

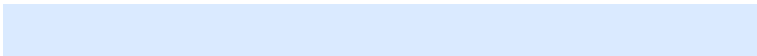
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.8127, 85.9408, 108.6278



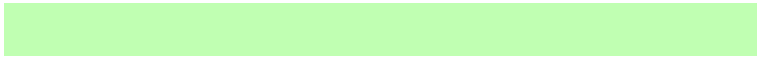
65.5341, 85.9408, 55.2537



89.0254, 85.9408, 173.2720

Square

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



65.5341, 85.9408, 55.2537



66.8926, 85.9408, 152.5756



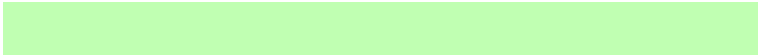
100.2908, 85.9408, 146.4593



98.5097, 85.9408, 52.1632

Rectangle

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



65.5341, 85.9408, 55.2537



60.5742, 85.9408, 102.8677



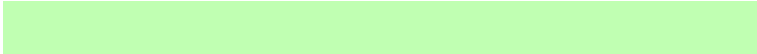
100.2908, 85.9408, 146.4593



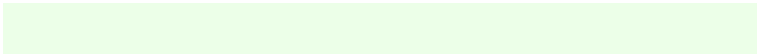
107.2041, 85.9408, 84.8594

Sweetspot

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



65.5346, 85.9410, 55.2550



84.9986, 95.2200, 90.2806



80.6970, 87.3163, 54.7213



17.8673, 20.2259, 18.7256



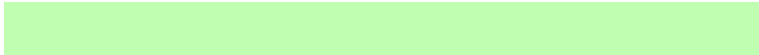
0.0000, 0.0000, 0.0000



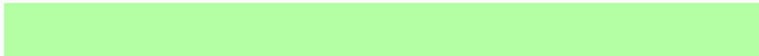
20.3446, 21.4041, 23.3091

Same Dimension

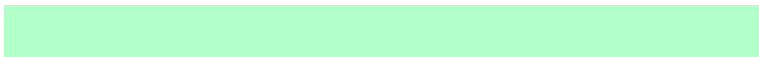
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5346, 85.9410, 55.2550



61.1855, 83.8616, 47.7064



64.8270, 85.2678, 69.1580



18.0795, 20.3269, 19.1149



19.3707, 37.7241, 6.2605



1.9653, 3.7139, 0.6133

Inverse Universe

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



70.2470, 57.7628, 102.0547



66.5469, 51.7164, 101.0826



71.5307, 58.8497, 82.9074



18.4497, 18.1236, 22.7757



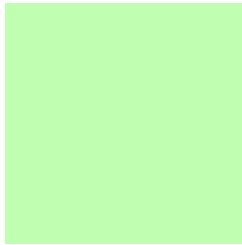
23.2349, 10.8885, 50.3117



2.3427, 1.1016, 4.9024

Previews

White Background



This preview shows how the XYZ color 65.5341, 85.9408, 55.2537 looks on a white background.

Color Contrast Check

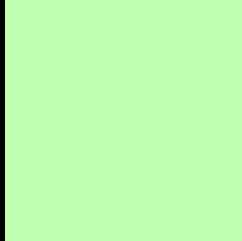
Large Text (above 18pt) WCAG AA × Fail

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 65.5341, 85.9408, 55.2537 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

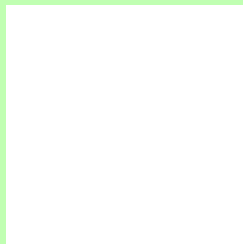
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5341, 85.9408, 55.2537

Background



This preview shows how black text looks on a background with the XYZ color 65.5341, 85.9408, 55.2537.

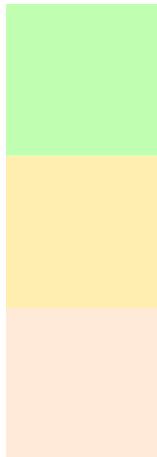


This preview shows how white text looks on a background with the XYZ color 65.5341, 85.9408,

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

65.5341, 85.9408, 55.2537

Protanopia

79.5524, 85.5042, 52.8685

Deuteranopia

83.3177, 85.1676, 78.3773



Tritanopia

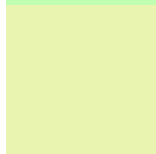
78.7156, 85.6297, 106.9872

Trichromacy



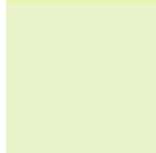
Original Color

65.5341, 85.9408, 55.2537



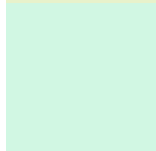
Protanomaly

73.4659, 84.9918, 53.6073



Deuteranomaly

75.8103, 84.9719, 68.9055



Tritanomaly

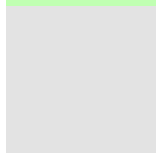
73.4204, 85.6229, 85.3302

Monochromacy



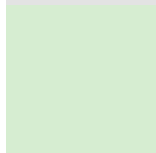
Original Color

65.5341, 85.9408, 55.2537



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.5244, 79.4680, 71.9961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5341, 85.9408, 55.2537 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(192, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 178)  
}
```

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(192, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 178) }
```

Border

The CSS property to change the border of an element to XYZ 65.5341, 85.9408, 55.2537 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(192, 255, 178) }
```


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

```
.border{ border-color:rgb(192, 255, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 255, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5341, 85.9408, 55.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 178) }
```

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

```
.background{ background-color: rgb(192,  
255, 178) }
```

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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