

Converting Colors

XYZ(65.1399, 82.9170, 55.7514)

Have a look what the booklet for
XYZ(65.1399, 82.9170, 55.7514)
contains.

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Color

**XYZ(65.1399, 82.9170,
55.7514)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F9B4
RGB	197, 249, 180
RGB Percent	77%, 98%, 71%
CMY	0.2274, 0.0235, 0.2941
CMYK	0.21, 0.00, 0.28, 0.02
HSL	105°, 85%, 84%
HSV	105°, 28%, 98%
XYZ	65.1399, 82.9170, 55.7514
YIQ	225.5860, -8.8430, -32.4830

Conversions

Conversions Part 2

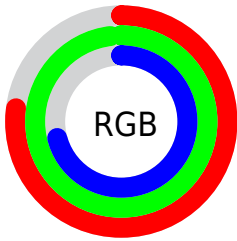
Format	Color
RYB	180, 249, 232
Decimal	12974516
CIELab	92.98, -28.90, 27.89
CIELCh	93, 40.164, 136.020
Yxy	82.9170, 0.3196, 0.4068
Android (android.graphics.Color)	4291164596 (0xFFC5F9B4)
YUV	225.5860, -22.4739, -25.0699
Hunter-Lab	91.0588, -31.6609, 27.4404

Details

The XYZ color **65.1399, 82.9170, 55.7514** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.7024, 56.6403, 97.0440**, and the grayscale version is **72.1533, 75.9109, 82.6670**.

A 20% lighter version of the original color is **91.7734, 98.6470, 93.5607**, and **33.8357, 44.9824, 26.9778** is the 20% darker color. If you saturate the color by 10%, you get **58.2163, 79.6175, 43.3546**, and if you desaturate by 10%, it is **73.1353, 86.7213, 70.5804**.

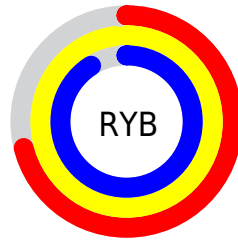
Distribution



Red (77%)

Green (98%)

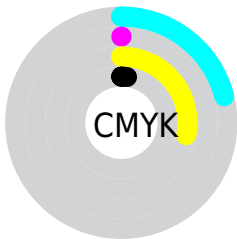
Blue (71%)



Red (71%)

Yellow (98%)

Blue (91%)

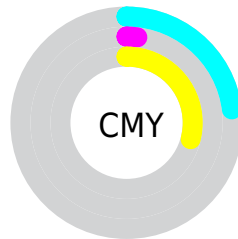


Cyan (21%)

Magenta (0%)

Yellow (28%)

Black (2%)



Cyan (23%)


Magenta (2%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1399, 82.9170, 55.7514 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 65.1399, 82.9170, 55.7514 by changing the saturation by 10% instead.


 65.1399, 82.9170,
55.7514

 65.1399, 82.9170,
55.7514


432.8318,
504.7099, 426.1159

 47.8396, 62.1217,
39.6010


 111.3156,
137.4592, 100.1232

 33.9106, 45.1310,
26.9162


140.9217,
171.9749, 129.1816

 22.9875, 31.5606,
17.2784


175.3605,
211.8328, 163.3798

 14.7049, 21.0261,
10.2691

214.9973,
257.4174, 203.1363

 8.6975, 13.1431,
5.4698

260.1974,
309.1130, 248.8696

 4.5999, 7.5272,
2.4620

311.3264,

 2.0468, 3.7939,

367.3040, 300.9983

0.8199

368.7494,
432.3748, 359.9409

■ 0.6601, 1.5590,
0.0000

■ 0.0000, 0.3297,
0.0000

■ 65.1399, 82.9170,
55.7514

■ 65.1399, 82.9170,
55.7514

■ 58.2163, 79.6175,
43.3546

■ 73.1353, 86.7213,
70.5804

■ 52.3113, 76.7907,
33.2550

■ 82.2399, 91.0398,
87.9562

■ 47.3765, 74.4175,
25.3128

■ 92.4971, 95.8947,
107.9925

■ 43.3571, 72.4727,
19.3707

■ 93.1674, 96.2347,
108.2725

■ 40.1919, 70.9289,
15.2499

■ 37.8117, 69.7550,
12.7400

■ 36.1309, 68.9129,
11.5609

■ 35.8229, 68.7577,
11.3835

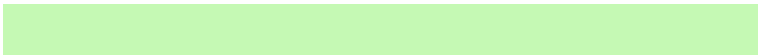
Harmonies

Analogous

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



73.3617, 82.9170, 45.2850



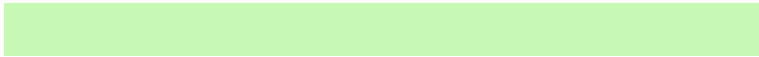
65.1399, 82.9170, 55.7514



60.7758, 82.9170, 77.0057

Triad

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



65.1399, 82.9170, 55.7514



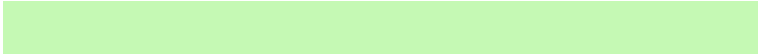
74.0266, 82.9170, 158.9233



99.8814, 82.9170, 75.2286

Complementary

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



65.1399, 82.9170, 55.7514



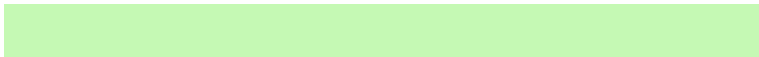
66.7024, 56.6403, 97.0440

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.



100.0997, 82.9170, 105.0039



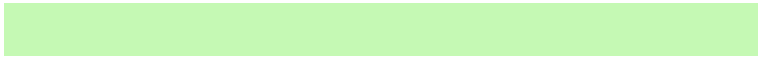
65.1399, 82.9170, 55.7514



84.5218, 82.9170, 158.1467

Square

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



65.1399, 82.9170, 55.7514



65.5892, 82.9170, 138.6805



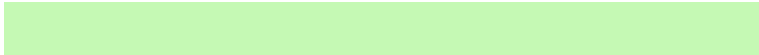
94.2704, 82.9170, 136.7489



93.6980, 82.9170, 54.7010

Rectangle

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



65.1399, 82.9170, 55.7514



60.3670, 82.9170, 96.4917



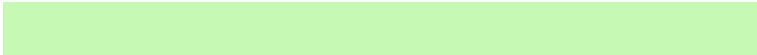
94.2704, 82.9170, 136.7489



100.6723, 82.9170, 84.3456

Sweetspot

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



65.1421, 82.9206, 55.7532



86.5058, 95.9548, 92.2564



76.0949, 81.0113, 54.8074



18.1907, 20.3842, 19.1201



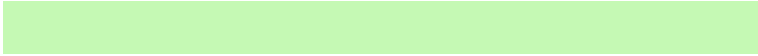
0.0000, 0.0000, 0.0000



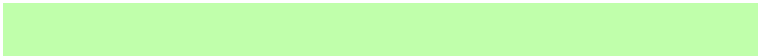
20.3446, 21.4041, 23.3091

Same Dimension

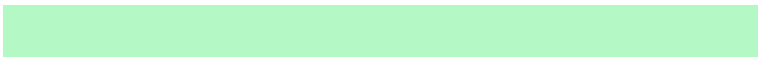
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.1421, 82.9206, 55.7532



64.7284, 85.6063, 51.5653



62.8074, 81.5011, 65.3965



17.4179, 19.5157, 18.3113



19.2818, 36.8584, 6.0981



1.8777, 3.4611, 0.5691

Inverse Universe

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



66.7024, 56.6403, 97.0440



66.6050, 53.8273, 101.4870



69.9213, 58.5965, 83.7863



17.5509, 17.2966, 21.7988



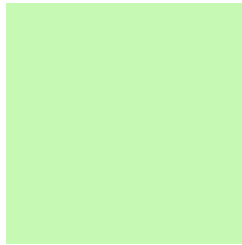
20.3449, 9.4309, 48.7216



1.9800, 0.9228, 4.5169

Previews

White Background



This preview shows how the XYZ color 65.1399, 82.9170, 55.7514 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 65.1399, 82.9170, 55.7514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

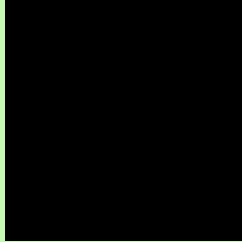
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1399, 82.9170, 55.7514

Background



This preview shows how black text looks on a background with the XYZ color 65.1399, 82.9170, 55.7514.

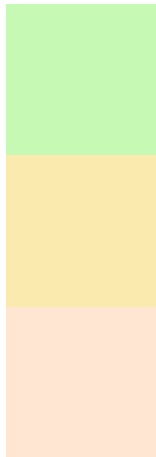


This preview shows how white text looks on a background with the XYZ color 65.1399, 82.9170,

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

65.1399, 82.9170, 55.7514

Protanopia

76.7493, 82.3720, 51.3894

Deuteranopia

81.2947, 82.5568, 73.2784



Tritanopia

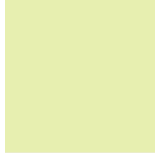
76.0651, 82.5152, 106.5257

Trichromacy



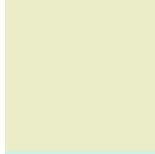
Original Color

65.1399, 82.9170, 55.7514



Protanomaly

71.6580, 81.8565, 53.0974



Deuteranomaly

74.6412, 82.2309, 66.5817



Tritanomaly

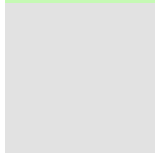
71.4878, 82.3711, 85.5302

Monochromacy



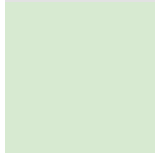
Original Color

65.1399, 82.9170, 55.7514



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

68.9558, 77.8962, 71.7227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1399, 82.9170, 55.7514 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(197, 249, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 249, 180)  
}
```

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(197, 249, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 249, 180) }
```

Border

The CSS property to change the border of an element to XYZ 65.1399, 82.9170, 55.7514 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(197, 249, 180) }
```


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

```
.border{ border-color:rgb(197, 249, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 249, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 249, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 249, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 249,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1399, 82.9170, 55.7514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 249, 180) }
```

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

```
.background{ background-color: rgb(197,  
249, 180) }
```

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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