

Converting Colors

XYZ(65.8252, 85.9618, 61.0979)

Have a look what the booklet for
XYZ(65.8252, 85.9618, 61.0979)
contains.

XYZ(65.9316, 86.0129, 61.2713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.9316, 86.0129,
61.2713)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFB8</code>
RGB	189, 255, 189
RGB Percent	74%, 100%, 74%
CMY	0.2588, 0.0000, 0.2588
CMYK	0.26, 0.00, 0.26, 0.00
HSL	120°, 100%, 87%
HSV	120°, 26%, 100%
XYZ	65.9316, 86.0129, 61.2713
YIQ	227.7420, -18.1500, -34.5180

Conversions

Conversions Part 2

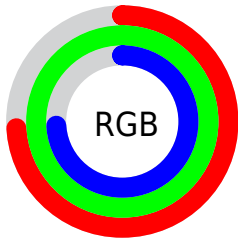
Format	Color
R _{YB}	189, 255, 255
Decimal	12451773
CIE _{Lab}	94.32, -32.90, 25.08
CIE _{LCh}	94, 41.370, 142.674
Yxy	86.0129, 0.3092, 0.4034
Android (android.graphics.Color)	4290641853 (0xFFBDFBD)
YUV	227.7420, -19.0998, -33.9767
Hunter-Lab	92.7431, -35.4039, 25.7499

Details

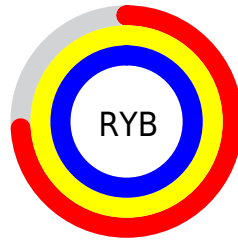
The XYZ color **65.9316, 86.0129, 61.2713** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.4878, 64.8758, 103.0453**, and the grayscale version is **73.6986, 77.5366, 84.4374**.

A 20% lighter version of the original color is **90.4006, 97.7667, 101.2950**, and **34.3988, 47.2058, 30.2203** is the 20% darker color. If you saturate the color by 10%, you get **57.6232, 82.0220, 47.6817**, and if you desaturate by 10%, it is **75.8400, 90.7725, 77.4786**.

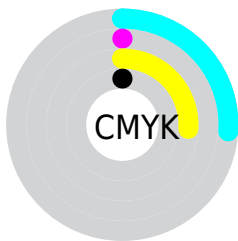
Distribution



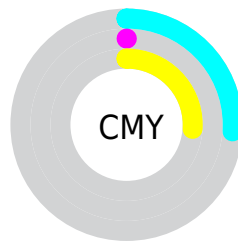
- Red (74%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9316, 86.0129, 61.2713 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 65.9316, 86.0129, 61.2713 by changing the saturation by 10% instead.


 65.9316, 86.0129,
61.2713

 65.9316, 86.0129,
61.2713


435.6247,
514.9737, 447.2021

 48.4844, 64.6786,
44.0122


 112.4464,
141.7875, 108.2330

 34.4235, 47.2005,
30.3428


142.2447,
176.9966, 138.7727

 23.3835, 33.1942,
19.8447


176.8908,
217.5995, 174.5763

 14.9992, 22.2753,
12.0992

216.7500,
263.9805, 216.0623

 8.9052, 14.0593,
6.6879

262.1876,
316.5240, 263.6494

 4.7360, 8.1619,
3.1922

313.5690,

 2.1264, 4.1987,

375.6145, 317.7560

1.1936

371.2596,
441.6362, 378.8008

0.7035, 1.7853,
0.0000

0.0000, 0.4780,
0.0000

65.9316, 86.0129,
61.2713

65.9316, 86.0129,
61.2713

57.6232, 82.0220,
47.6817

75.8400, 90.7725,
77.4786

50.8291, 78.7585,
36.5688

87.4241, 96.3369,
96.4265

45.4588, 76.1788,
27.7846

95.0500, 100.0000,
108.9000

41.4111, 74.2345,
21.1637

■ 38.5714, 72.8705,
16.5189

■ 36.8061, 72.0225,
13.6313

■ 35.9491, 71.6108,
12.2293

■ 35.7600, 71.5200,
11.9201

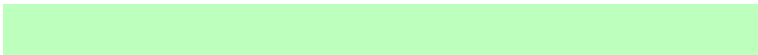
Harmonies

Analogous

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



73.7999, 86.0129, 47.8257



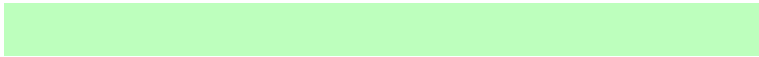
65.9316, 86.0129, 61.2713



62.3626, 86.0129, 86.0751

Triad

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



65.9316, 86.0129, 61.2713



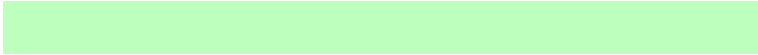
79.0619, 86.0129, 168.2808



103.0644, 86.0129, 72.0161

Complementary

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



65.9316, 86.0129, 61.2713



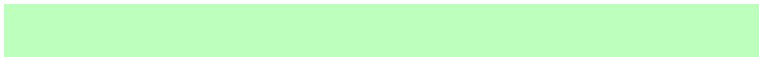
77.4878, 64.8758, 103.0453

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.



104.7952, 86.0129, 101.6639



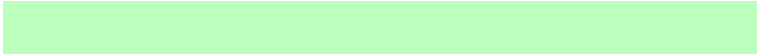
65.9316, 86.0129, 61.2713



90.2572, 86.0129, 162.1144

Square

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



65.9316, 86.0129, 61.2713



69.4850, 86.0129, 151.1378



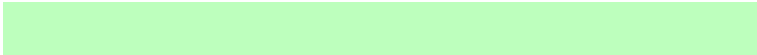
99.9216, 86.0129, 135.8092



95.3855, 86.0129, 52.9790

Rectangle

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



65.9316, 86.0129, 61.2713



62.6517, 86.0129, 107.7113



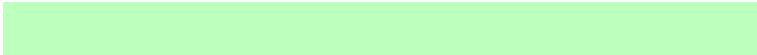
99.9216, 86.0129, 135.8092



104.3878, 86.0129, 80.8752

Sweetspot

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



65.9322, 86.0132, 61.2726



84.8267, 95.0892, 92.1780



86.1855, 96.4542, 62.2200



17.7717, 20.1682, 19.1006



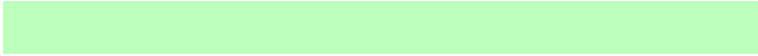
0.0000, 0.0000, 0.0000



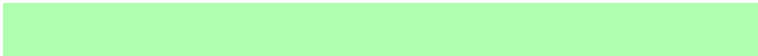
20.3446, 21.4041, 23.3091

Same Dimension

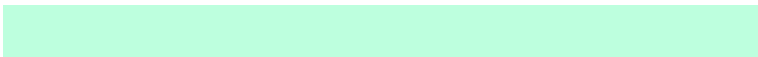
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9322, 86.0132, 61.2726



61.4848, 83.8769, 53.9981



69.9316, 87.6130, 82.3330



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

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



77.4878, 64.8758, 103.0453



74.8054, 59.5110, 102.1510



72.6228, 62.9298, 77.4268



18.7928, 18.3004, 22.7917



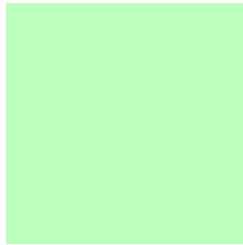
30.9800, 14.8813, 50.6728



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 65.9316, 86.0129, 61.2713 looks on a white background.

Color Contrast Check

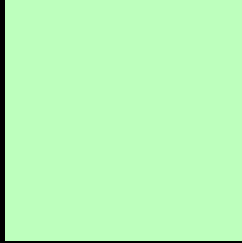
Large Text (above 18pt) WCAG AA × Fail

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 65.9316, 86.0129, 61.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

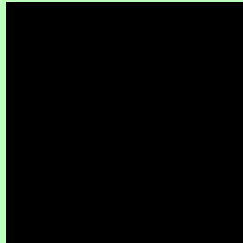
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9316, 86.0129, 61.2713

Background



This preview shows how black text looks on a background with the XYZ color 65.9316, 86.0129, 61.2713.



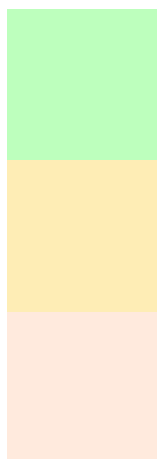
This preview shows how white text looks on a background with the XYZ color 65.9316, 86.0129,

61.2713.

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

65.9316, 86.0129, 61.2713

Protanopia

79.4977, 84.9754, 55.9280

Deuteranopia

83.7140, 85.3261, 80.4640



Tritanopia

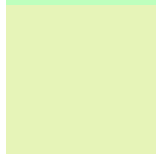
78.4174, 85.4760, 106.9732

Trichromacy



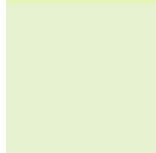
Original Color

65.9316, 86.0129, 61.2713



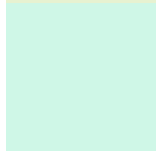
Protanomaly

73.6355, 84.9851, 57.8701



Deuteranomaly

76.2158, 85.0966, 72.7299



Tritanomaly

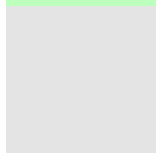
73.4167, 85.5564, 88.2459

Monochromacy



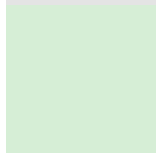
Original Color

65.9316, 86.0129, 61.2713



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.4437, 80.3003, 75.4050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9316, 86.0129, 61.2713 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(189, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 189)  
}
```

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(189, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.9316, 86.0129, 61.2713 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(189, 255, 189) }
```


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

```
.border{ border-color:rgb(189, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9316, 86.0129, 61.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 189) }
```

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

```
.background{ background-color: rgb(189,  
255, 189) }
```

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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