

Converting Colors

XYZ(65.2407, 85.5862, 64.4264)

Have a look what the booklet for
XYZ(65.2407, 85.5862, 64.4264)
contains.

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Color

**XYZ(65.3775, 85.6505,
64.7162)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFC3
RGB	184, 255, 195
RGB Percent	72%, 100%, 76%
CMY	0.2784, 0.0000, 0.2353
CMYK	0.28, 0.00, 0.24, 0.00
HSL	129°, 100%, 86%
HSV	129°, 28%, 100%
XYZ	65.3775, 85.6505, 64.7162
YIQ	226.9310, -23.0560, -33.7120

Conversions

Conversions Part 2

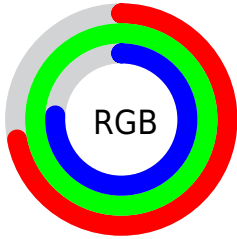
Format	Color
RYB	184, 245, 255
Decimal	12124099
CIELab	94.16, -33.47, 21.78
CIElCh	94, 39.934, 146.950
Yxy	85.6505, 0.3030, 0.3970
Android (android.graphics.Color)	4290314179 (0xFFB8FFC3)
YUV	226.9310, -15.7420, -37.6505
Hunter-Lab	92.5476, -35.8621, 23.3233

Details

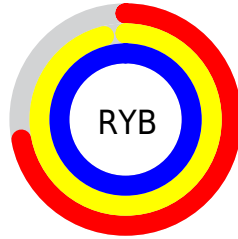
The XYZ color **65.3775, 85.6505, 64.7162** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.7098, 62.0732, 93.6310**, and the grayscale version is **73.0860, 76.8922, 83.7356**.

A 20% lighter version of the original color is **89.6063, 97.2490, 106.1436**, and **34.0551, 46.9784, 32.4721** is the 20% darker color. If you saturate the color by 10%, you get **57.5462, 81.8748, 52.5359**, and if you desaturate by 10%, it is **74.6627, 90.1350, 78.8026**.

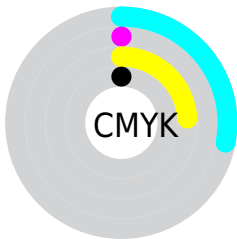
Distribution



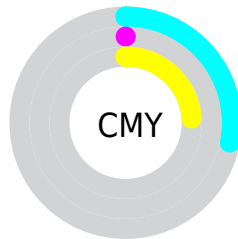
- Red (72%)
- Green (100%)
- Blue (76%)



- Red (72%)
- Yellow (96%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3775, 85.6505, 64.7162 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 65.3775, 85.6505, 64.7162 by changing the saturation by 10% instead.


 65.3775, 85.6505,
64.7162

 65.3775, 85.6505,
64.7162


433.6711,
513.7781, 460.0497

 48.0331, 64.3790,
46.7811


 111.6551,
141.2817, 113.2511

 34.0644, 46.9577,
32.5095


141.3190,
176.4101, 144.6880

 23.1062, 33.0022,
21.4830


175.8201,
216.9264, 181.4626

 14.7931, 22.1282,
13.2828

215.5238,
263.2148, 223.9934

 8.7597, 13.9511,
7.4906

260.7953,
315.6598, 272.6990

 4.6406, 8.0867,
3.6877

312.0002,

 2.0705, 4.1504,

374.6457, 327.9978

1.4556

369.5037,
440.5570, 390.3086

■ 0.6731, 1.7581,
0.1845

■ 0.0000, 0.4608,
0.0000

■ 65.3775, 85.6505,
64.7162

■ 65.3775, 85.6505,
64.7162

■ 57.5462, 81.8748,
52.5359

■ 74.6627, 90.1350,
78.8026

■ 51.0928, 78.7705,
42.1761

■ 85.4688, 95.3614,
94.8680

■ 45.9370, 76.2982,
33.5503

95.0500, 100.0000,
108.9000

■ 41.9897, 74.4139,
26.5637

■ 39.1499, 73.0676,
21.1121

■ 37.2999, 72.2012,
17.0797

■ 36.2865, 71.7386,
14.3331

■ 36.1347, 71.6699,
13.8933

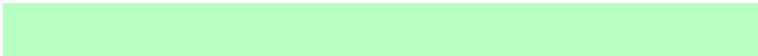
Harmonies

Analogous

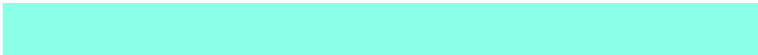
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4500, 85.6505, 50.0372



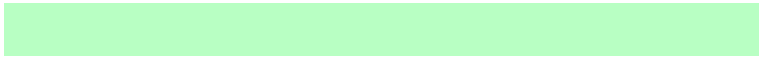
65.3775, 85.6505, 64.7162



62.5724, 85.6505, 90.1635

Triad

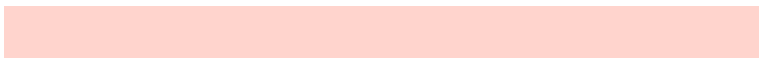
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3775, 85.6505, 64.7162



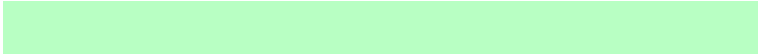
80.3201, 85.6505, 165.1937



101.1238, 85.6505, 69.0595

Complementary

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



65.3775, 85.6505, 64.7162



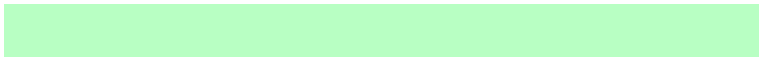
74.7098, 62.0732, 93.6310

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.



103.6890, 85.6505, 96.4242



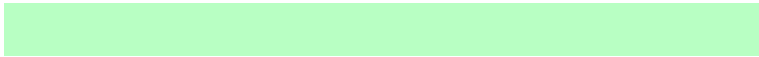
65.3775, 85.6505, 64.7162



91.0760, 85.6505, 156.1349

Square

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



65.3775, 85.6505, 64.7162



70.7125, 85.6505, 151.7629



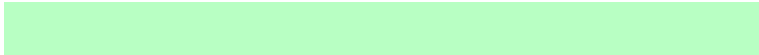
99.8661, 85.6505, 129.1585



93.1315, 85.6505, 52.1326

Rectangle

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



65.3775, 85.6505, 64.7162



63.2994, 85.6505, 111.4800



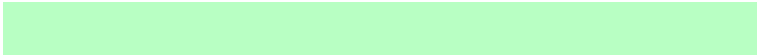
99.8661, 85.6505, 129.1585



102.6782, 85.6505, 77.1398

Sweetspot

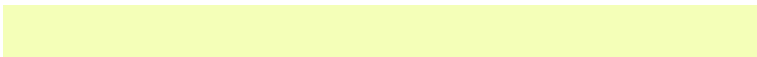
The Sweet Spot groups the original color and five complimentary colors.



65.3781, 85.6508, 64.7175



85.2865, 95.2732, 94.5993



81.8418, 94.2766, 59.2319



17.8863, 20.2140, 19.7041



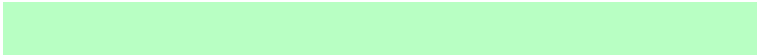
0.0000, 0.0000, 0.0000



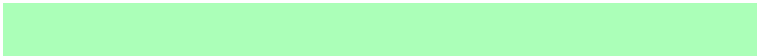
20.3446, 21.4041, 23.3091

Same Dimension

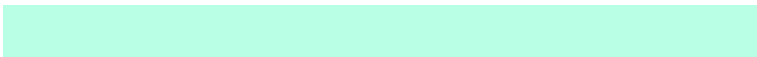
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3781, 85.6508, 64.7175



61.1620, 83.6171, 58.2023



69.8316, 87.4322, 88.1694



17.8863, 20.2140, 19.7041



18.9151, 37.4626, 7.4379



1.8734, 3.6603, 0.8914

Inverse Universe

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



74.7098, 62.0732, 93.6310



71.7958, 56.7377, 91.1415



69.8710, 60.1377, 68.1500



18.6646, 18.2492, 22.1169



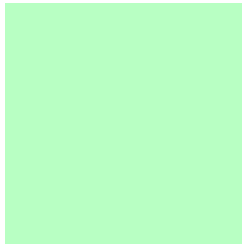
28.0364, 13.7038, 35.1716



2.7610, 1.3468, 3.5888

Previews

White Background



This preview shows how the XYZ color 65.3775, 85.6505, 64.7162 looks on a white background.

Color Contrast Check

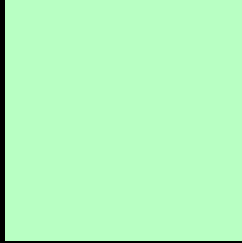
Large Text (above 18pt) WCAG AA × Fail

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 65.3775, 85.6505, 64.7162 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

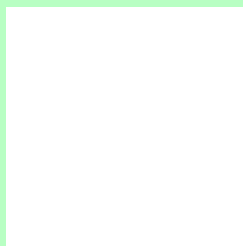
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3775, 85.6505, 64.7162

Background



This preview shows how black text looks on a background with the XYZ color 65.3775, 85.6505, 64.7162.



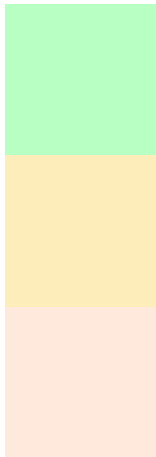
This preview shows how white text looks on a background with the XYZ color 65.3775, 85.6505,

64.7162.

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

65.3775, 85.6505, 64.7162

Protanopia

79.6551, 84.9962, 58.6620

Deuteranopia

83.4301, 84.7583, 80.3694



Tritanopia

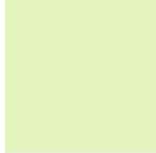
77.8321, 85.6173, 107.0313

Trichromacy



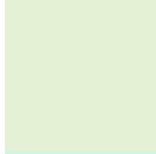
Original Color

65.3775, 85.6505, 64.7162



Protanomaly

73.5309, 84.8695, 60.6501



Deuteranomaly

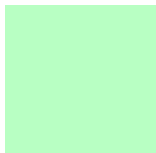
75.6521, 84.3221, 74.5759



Tritanomaly

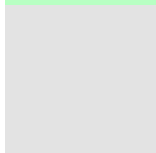
72.5973, 85.1012, 89.6907

Monochromacy



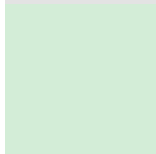
Original Color

65.3775, 85.6505, 64.7162



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.4139, 79.3236, 75.9425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3775, 85.6505, 64.7162 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(184, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 195)  
}
```

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(184, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.3775, 85.6505, 64.7162 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(184, 255, 195) }
```


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

```
.border{ border-color:rgb(184, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3775, 85.6505, 64.7162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 195) }
```

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

```
.background{ background-color: rgb(184,  
255, 195) }
```

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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