

Converting Colors

XYZ(66.5451, 85.4492, 71.4596)

Have a look what the booklet for
XYZ(66.5451, 85.4492, 71.4596)
contains.

XYZ(66.5900, 85.6541, 71.4158)	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(66.5900, 85.6541,
71.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FECE
RGB	185, 254, 206
RGB Percent	73%, 100%, 81%
CMY	0.2745, 0.0039, 0.1921
CMYK	0.27, 0.00, 0.19, 0.00
HSL	138°, 97%, 86%
HSV	138°, 27%, 100%
XYZ	66.5900, 85.6541, 71.4158
YIQ	227.8970, -25.7160, -29.5560

Conversions

Conversions Part 2

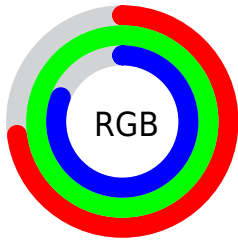
Format	Color
RYB	185, 238, 254
Decimal	12189390
CIELab	94.16, -30.77, 16.17
CIELCh	94, 34.757, 152.278
Yxy	85.6541, 0.2977, 0.3830
Android (android.graphics.Color)	4290379470 (0xFFB9FECE)
YUV	227.8970, -10.7952, -37.6207
Hunter-Lab	92.5495, -33.5297, 19.0335

Details

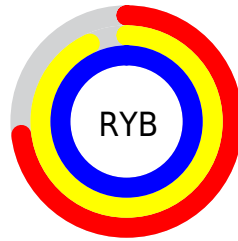
The XYZ color **66.5900, 85.6541, 71.4158** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.9329, 61.6540, 85.1508**, and the grayscale version is **73.7593, 77.6005, 84.5070**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **34.8397, 46.9453, 36.9309** is the 20% darker color. If you saturate the color by 10%, you get **58.9740, 81.9646, 60.4773**, and if you desaturate by 10%, it is **75.5466, 90.0117, 83.6805**.

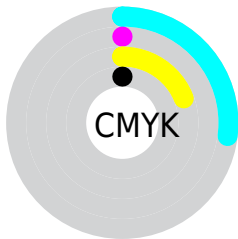
Distribution



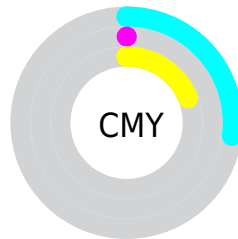
- Red (73%)
- Green (100%)
- Blue (81%)



- Red (73%)
- Yellow (93%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5900, 85.6541, 71.4158 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 66.5900, 85.6541, 71.4158 by changing the saturation by 10% instead.


 66.5900, 85.6541,
71.4158

 66.5900, 85.6541,
71.4158


437.9394,
513.7900, 484.4284

 49.0210, 64.3820,
52.1977


 113.3858,
141.2867, 122.9256

 34.8507, 46.9601,
36.7793


143.3432,
176.4160, 156.0543

 23.7139, 33.0041,
24.7422

178.1609,
216.9331, 194.6570

 15.2451, 22.1296,
15.6678

218.2041,
263.2224, 239.1521

 9.0790, 13.9522,
9.1376

263.8382,
315.6684, 289.9583

 4.8503, 8.0874,
4.7330

315.4285,

 2.1935, 4.1509,

374.6553, 347.4941

2.0355

373.3405,
440.5677, 412.1779

■ 0.7393, 1.7583,
0.5770

■ 0.0000, 0.4610,
0.0000

■ 66.5900, 85.6541,
71.4158

■ 66.5900, 85.6541,
71.4158

■ 58.9740, 81.9646,
60.4773

■ 75.5466, 90.0117,
83.6805

■ 52.6255, 78.8991,
50.8147

■ 85.8985, 95.0573,
97.3082

■ 47.4746, 76.4250,
42.3827

94.7334, 99.3668,
108.7945

■ 43.4419, 74.5024,
35.1313

■ 40.4376, 73.0861,
29.0068

■ 38.3572, 72.1233,
23.9514

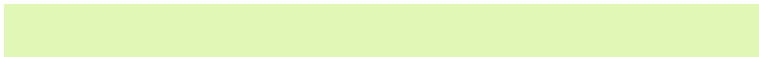
■ 37.0684, 71.5472,
19.9011

■ 36.7937, 71.4269,
18.9250

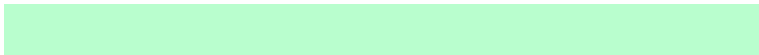
Harmonies

Analogous

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



72.2333, 85.6541, 56.3278



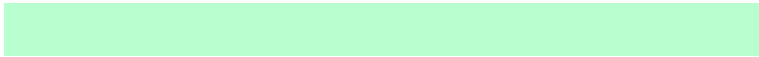
66.5900, 85.6541, 71.4158



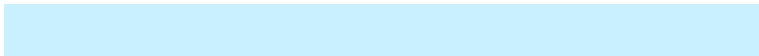
64.8234, 85.6541, 95.3122

Triad

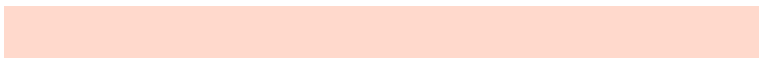
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5900, 85.6541, 71.4158



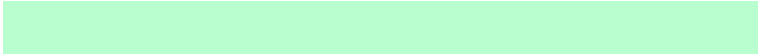
82.1242, 85.6541, 154.3445



97.4807, 85.6541, 68.5066

Complementary

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



66.5900, 85.6541, 71.4158



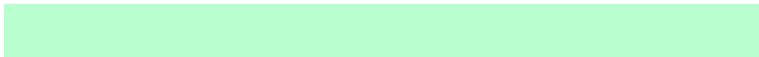
72.9329, 61.6540, 85.1508

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.



100.6127, 85.6541, 91.2429



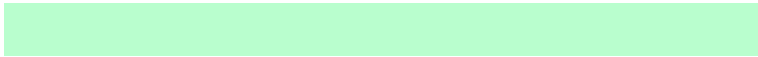
66.5900, 85.6541, 71.4158



91.3363, 85.6541, 143.5916

Square

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



66.5900, 85.6541, 71.4158



73.3755, 85.6541, 146.3217



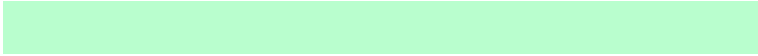
98.2840, 85.6541, 119.1645



90.0142, 85.6541, 54.8865

Rectangle

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



66.5900, 85.6541, 71.4158



65.9643, 85.6541, 114.0492



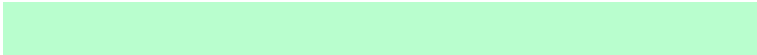
98.2840, 85.6541, 119.1645



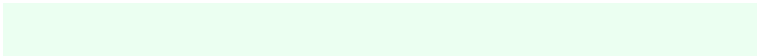
99.1000, 85.6541, 75.1691

Sweetspot

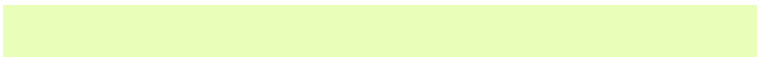
The Sweet Spot groups the original color and five complimentary colors.



66.5923, 85.6577, 71.4177



85.7376, 95.4536, 96.9747



77.9042, 91.7645, 59.5064



17.9991, 20.2592, 20.2983



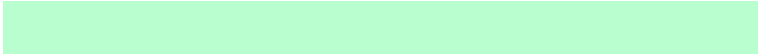
0.0000, 0.0000, 0.0000



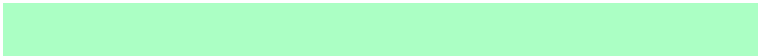
20.3446, 21.4041, 23.3091

Same Dimension

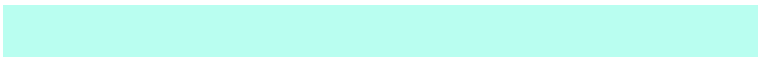
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.5923, 85.6577, 71.4177



62.5382, 84.1676, 65.4493



71.2100, 87.5048, 95.7343



17.9991, 20.2592, 20.2983



19.4543, 37.6783, 10.2776



1.9403, 3.6871, 1.2436

Inverse Universe

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



72.9329, 61.6540, 85.1508



69.9720, 56.0081, 81.5373



68.5102, 59.8849, 61.8608



18.5434, 18.2007, 21.4787



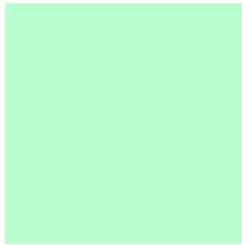
25.7856, 12.8035, 23.3191



2.5593, 1.2661, 2.5269

Previews

White Background



This preview shows how the XYZ color 66.5900, 85.6541, 71.4158 looks on a white background.

Color Contrast Check

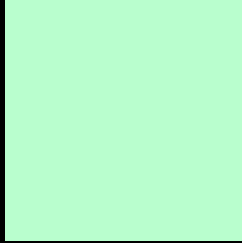
Large Text (above 18pt) WCAG AA × Fail

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 66.5900, 85.6541, 71.4158 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

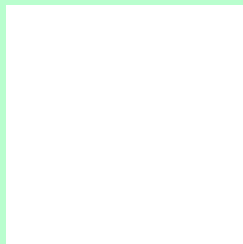
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5900, 85.6541, 71.4158

Background



This preview shows how black text looks on a background with the XYZ color 66.5900, 85.6541, 71.4158.



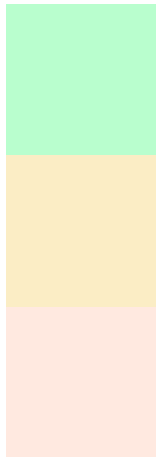
This preview shows how white text looks on a background with the XYZ color 66.5900, 85.6541,

71.4158.

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

66.5900, 85.6541, 71.4158

Protanopia

80.1459, 85.1088, 65.0268

Deuteranopia

83.8335, 84.9196, 82.4936



Tritanopia

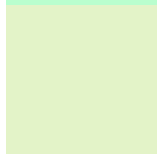
77.8321, 85.6173, 107.0313

Trichromacy



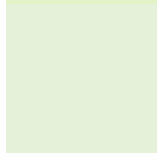
Original Color

66.5900, 85.6541, 71.4158



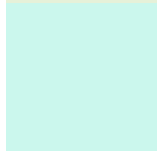
Protanomaly

74.1545, 84.6022, 67.0651



Deuteranomaly

76.6128, 84.7433, 77.9648



Tritanomaly

73.1754, 85.3325, 92.7348

Monochromacy



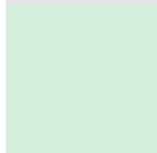
Original Color

66.5900, 85.6541, 71.4158



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.3538, 79.7327, 79.3921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5900, 85.6541, 71.4158 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(185, 254, 206)` looks like.

```
.text, #text, p{  
    color:rgb(185, 254, 206)  
}
```

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(185, 254, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 206) }
```

Border

The CSS property to change the border of an element to XYZ 66.5900, 85.6541, 71.4158 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(185, 254, 206) }
```


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

```
.border{ border-color:rgb(185, 254, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 254, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 254, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 254, 206);  
box-shadow:4px 4px 4px 4px rgb(185, 254,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5900, 85.6541, 71.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 206) }
```

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

```
.background{ background-color: rgb(185,  
254, 206) }
```

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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