

Converting Colors

XYZ(105.4194, 156.5118,
76.1327)

Have a look what the booklet for
XYZ(105.4194, 156.5118, 76.1327)
contains.

| | |
|--|----|
| XYZ(71.6228, 88.8700, 65.0085) | 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(71.6228, 88.8700,
65.0085)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0FFC3 |
| RGB | 208, 255, 195 |
| RGB Percent | 82%, 100%, 76% |
| CMY | 0.1843, 0.0000, 0.2353 |
| CMYK | 0.18, 0.00, 0.24, 0.00 |
| HSL | 107°, 100%, 88% |
| HSV | 107°, 24%, 100% |
| XYZ | 71.6228, 88.8700, 65.0085 |
| YIQ | 234.1070, -8.7520, -28.6240 |

Conversions

Conversions Part 2

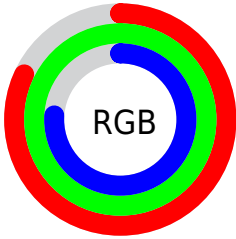
| Format | Color |
|-------------------------------------|--|
| RYB | 195, 255, 242 |
| Decimal | 13696963 |
| CIELab | 95.53, -25.72, 23.88 |
| CIELCh | 96, 35.094, 137.128 |
| Yxy | 88.8700, 0.3176, 0.3941 |
| Android (android.graphics.Color) | 4291887043 (0xFFD0FFC3) |
| YUV | 234.1070, -19.2798, -22.8958 |
| Hunter-Lab | 94.2709, -29.3577, 25.1037 |

Details

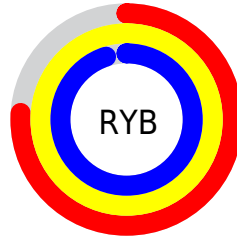
The XYZ color **71.6228, 88.8700, 65.0085** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.1839, 65.1287, 103.2689**, and the grayscale version is **78.4335, 82.5182, 89.8623**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **38.1387, 49.0836, 32.6633** is the 20% darker color. If you saturate the color by 10%, you get **63.7142, 85.0982, 50.8513**, and if you desaturate by 10%, it is **80.7324, 93.2041, 81.7946**.

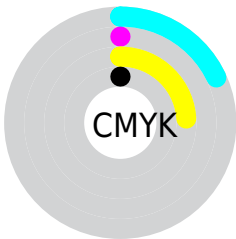
Distribution



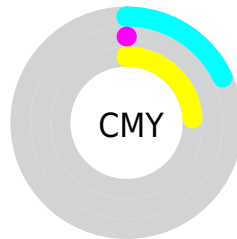
- Red (82%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6228, 88.8700, 65.0085 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 71.6228, 88.8700, 65.0085 by changing the saturation by 10% instead.

 71.6228, 88.8700,
65.0085

 71.6228, 88.8700,
65.0085


455.4057,
524.3481, 461.1296

 53.1350, 67.0438,
47.0166


120.5338,
145.7678, 113.6755

 38.1384, 49.1202,
32.6943


151.6877,
181.6082, 145.1876

 26.2678, 34.7149,
21.6232


187.7943,
222.8887, 182.0436

 17.1579, 23.4433,
13.3846

229.2190,
269.9939, 224.6619

 10.4431, 14.9212,
7.5601

276.3271,
323.3080, 273.4611

 5.7582, 8.7641,
3.7311

329.4840,

 2.7379, 4.5876,

383.2155, 328.8598

1.4790

389.0551,
450.1007, 391.2764

■ 1.0167, 2.0074,
0.2022

■ 0.0000, 0.6118,
0.0000

■ 71.6228, 88.8700,
65.0085

■ 71.6228, 88.8700,
65.0085

■ 63.7142, 85.0982,
50.8513

■ 80.7324, 93.2041,
81.7946

■ 56.9535, 81.8641,
39.1861

■ 91.0892, 98.1216,
101.3291

■ 51.2864, 79.1430,
29.8695

■ 95.0500, 100.0000,
108.9000

■ 46.6531, 76.9074,
22.7422

■ 42.9879, 75.1273,
17.6249

■ 40.2167, 73.7692,
14.3100

■ 38.2534, 72.7942,
12.5446

■ 37.3492, 72.3392,
11.9944

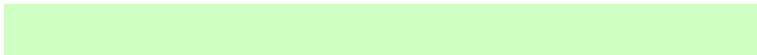
Harmonies

Analogous

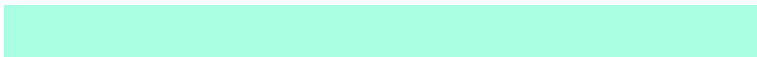
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1363, 88.8700, 54.4502



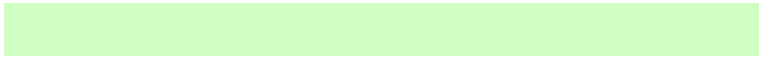
71.6228, 88.8700, 65.0085



67.6866, 88.8700, 85.4349

Triad

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



71.6228, 88.8700, 65.0085



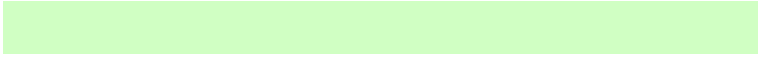
80.4137, 88.8700, 158.1492



103.4095, 88.8700, 81.9845

Complementary

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



71.6228, 88.8700, 65.0085



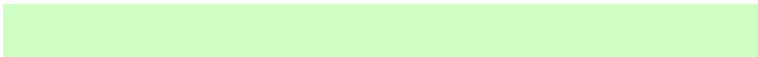
74.1839, 65.1287, 103.2689

Split Complementary

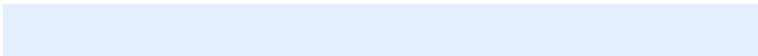
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.8170, 88.8700, 109.0535



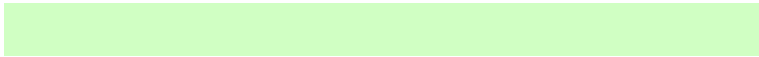
71.6228, 88.8700, 65.0085



90.0345, 88.8700, 156.7404

Square

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



71.6228, 88.8700, 65.0085



72.4967, 88.8700, 141.0184



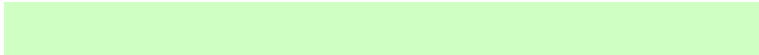
98.7645, 88.8700, 137.4722



97.6902, 88.8700, 62.8975

Rectangle

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



71.6228, 88.8700, 65.0085



67.4093, 88.8700, 103.4887



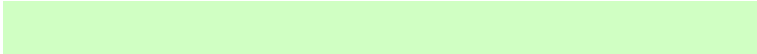
98.7645, 88.8700, 137.4722



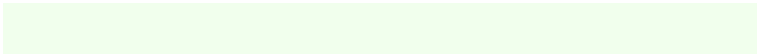
104.1868, 88.8700, 90.3377

Sweetspot

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



71.6234, 88.8703, 65.0099



87.3495, 96.3470, 94.2287



82.8429, 88.7048, 64.3866



18.5606, 20.5578, 19.9120



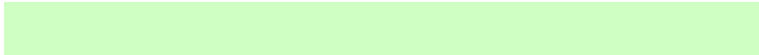
0.0000, 0.0000, 0.0000



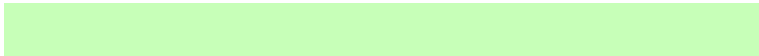
20.3446, 21.4041, 23.3091

Same Dimension

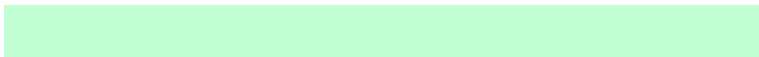
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6234, 88.8703, 65.0099



67.9415, 87.1156, 58.3620



70.1501, 87.8760, 75.5529



18.1394, 20.3578, 19.1177



19.6173, 37.8512, 6.2721



1.9975, 3.7305, 0.6148

Inverse Universe

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



74.1839, 65.1287, 103.2689



70.8835, 59.7782, 102.4101



76.1883, 66.4643, 89.7028



18.3849, 18.0902, 22.7727



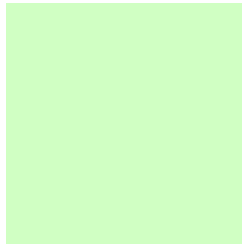
21.9750, 10.2390, 50.2527



2.2306, 1.0439, 4.8972

Previews

White Background



This preview shows how the XYZ color 71.6228, 88.8700, 65.0085 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 71.6228, 88.8700, 65.0085 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

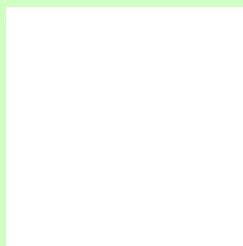
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6228, 88.8700, 65.0085

Background



This preview shows how black text looks on a background with the XYZ color 71.6228, 88.8700, 65.0085.



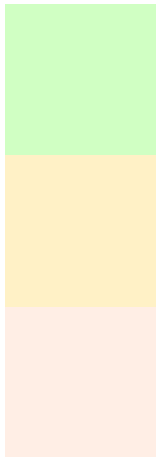
This preview shows how white text looks on a background with the XYZ color 71.6228, 88.8700,

65.0085.

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

71.6228, 88.8700, 65.0085

Protanopia

82.8883, 88.2478, 66.0909

Deuteranopia

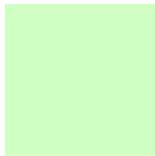
85.9574, 88.0662, 86.5968



Tritanopia

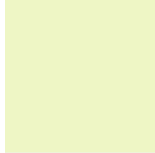
83.0338, 88.7444, 107.3608

Trichromacy



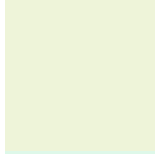
Original Color

71.6228, 88.8700, 65.0085



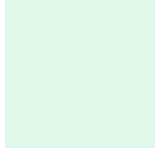
Protanomaly

78.2937, 88.1199, 65.7056



Deuteranomaly

80.1350, 87.8883, 78.3862



Tritanomaly

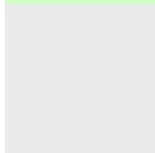
78.3996, 88.5476, 90.0501

Monochromacy



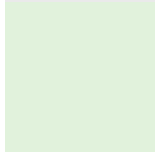
Original Color

71.6228, 88.8700, 65.0085



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.7217, 84.6791, 80.0639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6228, 88.8700, 65.0085 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(208, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 71.6228, 88.8700, 65.0085 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(208, 255, 195) }
```


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

```
.border{ border-color:rgb(208, 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(208, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6228, 88.8700, 65.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 195) }
```

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

```
.background{ background-color: rgb(208,  
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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