

Converting Colors

XYZ(69.9267, 82.6148, 85.8862)

Have a look what the booklet for
XYZ(69.9267, 82.6148, 85.8862)
contains.

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Color

**XYZ(69.6430, 82.3086,
85.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F4E4
RGB	198, 244, 228
RGB Percent	78%, 96%, 89%
CMY	0.2235, 0.0431, 0.1059
CMYK	0.19, 0.00, 0.07, 0.04
HSL	159°, 68%, 87%
HSV	159°, 19%, 96%
XYZ	69.6430, 82.3086, 85.6154
YIQ	228.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

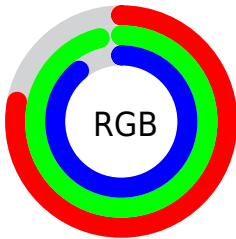
Format	Color
R _Y B	198, 226, 244
Decimal	13038820
CIE Lab	92.71, -17.82, 2.83
CIE LCh	93, 18.041, 170.961
Yxy	82.3086, 0.2932, 0.3465
Android (android.graphics.Color)	4291228900 (0xFFC6F4E4)
YUV	228.4220, -0.2080, -26.6801
Hunter-Lab	90.7241, -21.7443, 7.5555

Details

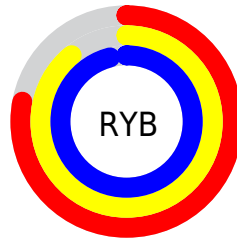
The XYZ color **69.6430, 82.3086, 85.6154** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.6428, 64.4784, 72.3969**, and the grayscale version is **74.0669, 77.9241, 84.8594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8537, 44.8232, 46.2445** is the 20% darker color. If you saturate the color by 10%, you get **62.5731, 78.7990, 79.2846**, and if you desaturate by 10%, it is **77.8115, 86.3823, 92.3031**.

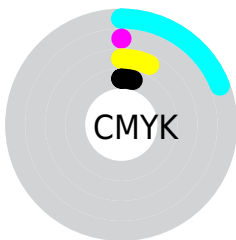
Distribution



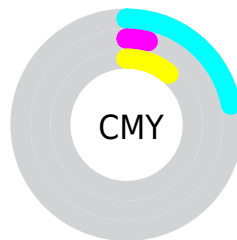
- Red (78%)
- Green (96%)
- Blue (89%)



- Red (78%)
- Yellow (89%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6430, 82.3086, 85.6154 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 69.6430, 82.3086, 85.6154 by changing the saturation by 10% instead.

69.6430, 82.3086,
85.6154

69.6430, 82.3086,
85.6154

448.5815,
502.6794, 533.8598

51.5141, 61.6199,
63.7969

117.7286,
136.6067, 143.1145

36.8406, 44.7257,
46.0411

148.4159,
170.9849, 179.6321

25.2572, 31.2414,
31.9293

184.0201,
210.6951, 221.8866

16.3985, 20.7827,
21.0432

224.9066,
256.1216, 270.2964

9.8992, 12.9653,
12.9640

271.4405,
307.6489, 325.2800

5.3940, 7.4046,
7.2733


323.9875,


2.5173, 3.7164,


365.6614, 387.2561


3.5526


382.9127,
430.5434, 456.6432


 0.9040, 1.5162,
1.3833

 0.0000, 0.3001,
0.1286


 69.6430, 82.3086,
85.6154


 69.6430, 82.3086,
85.6154


 62.5731, 78.7990,
79.2846


 77.8115, 86.3823,
92.3031


 56.5444, 75.8173,
73.2986

 87.1187, 91.0341,
99.3486

 51.5049, 73.3392,
67.6523

 91.3963, 93.0861,
106.4691

 47.3952, 71.3339,
62.3384

 91.6422, 93.1844,
107.7641

■ 44.1489, 69.7674,
57.3492

■ 41.6908, 68.6011,
52.6766

■ 39.9319, 67.7891,
48.3115

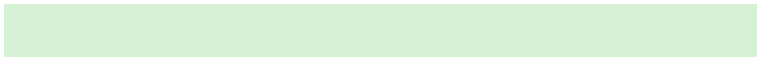
■ 38.7408, 67.2639,
44.2429

■ 38.6208, 67.2119,
43.7941

Harmonies

Analogous

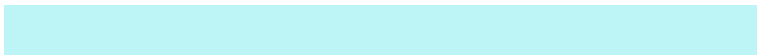
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4212, 82.3086, 74.2885



69.6430, 82.3086, 85.6154



70.0935, 82.3086, 99.2000

Triad

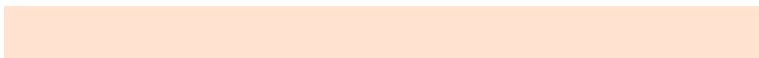
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6430, 82.3086, 85.6154



81.5090, 82.3086, 116.0235



84.0624, 82.3086, 70.9850

Complementary

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



69.6430, 82.3086, 85.6154



69.6428, 64.4784, 72.3969

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.



86.9770, 82.3086, 80.6777



69.6430, 82.3086, 85.6154



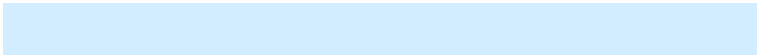
85.4623, 82.3086, 106.9280

Square

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



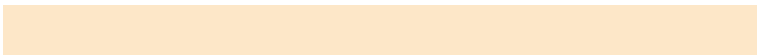
69.6430, 82.3086, 85.6154



76.8207, 82.3086, 117.6838



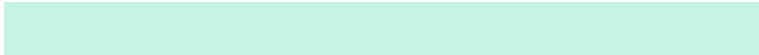
87.4993, 82.3086, 93.7477



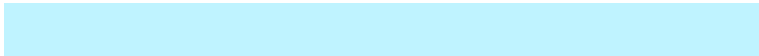
79.6601, 82.3086, 66.4152

Rectangle

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



69.6430, 82.3086, 85.6154



71.6046, 82.3086, 107.6776



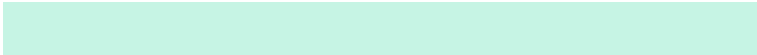
87.4993, 82.3086, 93.7477



85.2559, 82.3086, 73.7034

Sweetspot

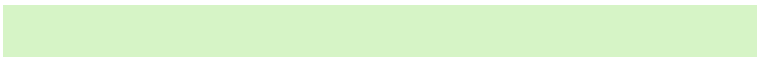
The Sweet Spot groups the original color and five complimentary colors.



69.6453, 82.3120, 85.6172



88.7982, 96.8747, 104.1961



70.3072, 83.0934, 65.7604



18.8668, 20.6654, 22.1945



0.0000, 0.0000, 0.0000



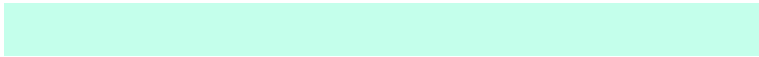
20.3446, 21.4041, 23.3091

Same Dimension

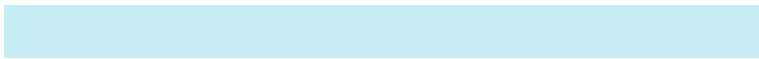
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6453, 82.3120, 85.6172



73.5534, 89.2777, 91.6481



69.9337, 79.1670, 97.1869



16.7375, 18.6542, 19.9023



21.0659, 36.5712, 24.1645



1.8999, 3.2336, 2.3787

Inverse Universe

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



69.6428, 64.4784, 72.3969



73.5512, 65.8948, 74.3196



69.3113, 66.9274, 62.6925



16.7371, 16.5777, 18.3623



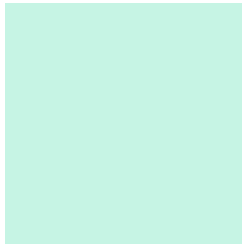
21.2333, 10.8367, 5.9367



1.9128, 0.9711, 0.7674

Previews

White Background



This preview shows how the XYZ color 69.6430, 82.3086, 85.6154 looks on a white background.

Color Contrast Check

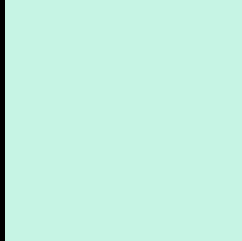
Large Text (above 18pt) WCAG AA × Fail

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 69.6430, 82.3086, 85.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

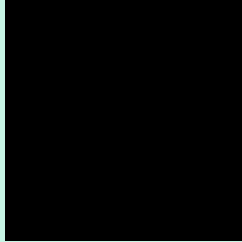
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

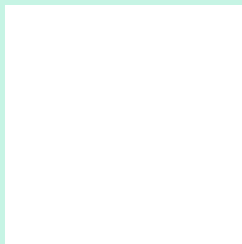
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6430, 82.3086, 85.6154

Background



This preview shows how black text looks on a background with the XYZ color 69.6430, 82.3086, 85.6154.



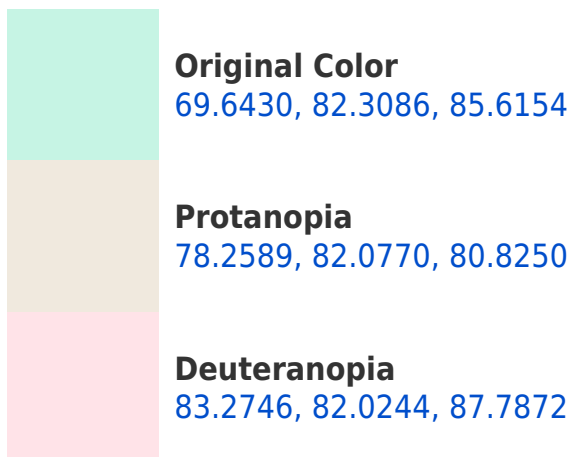
This preview shows how white text looks on a background with the XYZ color 69.6430, 82.3086,

85.6154.

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





Tritanopia

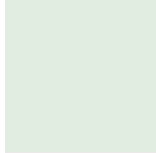
75.2110, 82.5083, 106.5694

Trichromacy



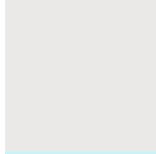
Original Color

69.6430, 82.3086, 85.6154



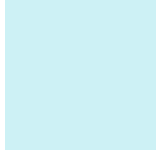
Protanomaly

74.7901, 81.9577, 82.3986



Deuteranomaly

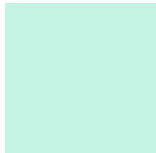
77.4944, 81.5398, 87.2557



Tritanomaly

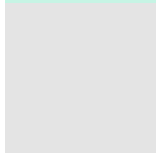
73.1136, 82.4823, 98.4534

Monochromacy



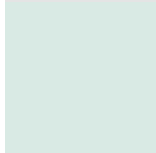
Original Color

69.6430, 82.3086, 85.6154



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

72.0417, 79.1988, 84.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6430, 82.3086, 85.6154 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(198, 244, 228)` looks like.

```
.text, #text, p{  
    color:rgb(198, 244, 228)  
}
```

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(198, 244, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 244, 228) }
```

Border

The CSS property to change the border of an element to XYZ 69.6430, 82.3086, 85.6154 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(198, 244, 228) }
```


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

```
.border{ border-color:rgb(198, 244, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 244, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 244, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 244, 228); box-shadow:4px 4px 4px 4px rgb(198, 244, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6430, 82.3086, 85.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 244, 228) }
```

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

```
.background{ background-color: rgb(198,  
244, 228) }
```

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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