

Converting Colors

XYZ(71.0001, 88.6331, 61.1822)

Have a look what the booklet for
XYZ(71.0001, 88.6331, 61.1822)
contains.

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Color

**XYZ(70.8495, 88.5607,
60.9367)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFBC
RGB	208, 255, 188
RGB Percent	82%, 100%, 74%
CMY	0.1843, 0.0000, 0.2627
CMYK	0.18, 0.00, 0.26, 0.00
HSL	102°, 100%, 87%
HSV	102°, 26%, 100%
XYZ	70.8495, 88.5607, 60.9367
YIQ	233.3090, -6.5050, -30.8010

Conversions

Conversions Part 2

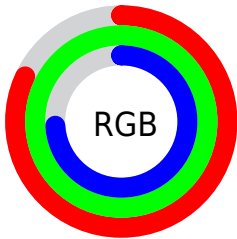
Format	Color
RYB	188, 255, 235
Decimal	13696956
CIELab	95.40, -26.80, 27.25
CIElCh	95, 38.221, 134.533
Yxy	88.5607, 0.3215, 0.4019
Android (android.graphics.Color)	4291887036 (0xFFD0FFBC)
YUV	233.3090, -22.3373, -22.1960
Hunter-Lab	94.1067, -30.3006, 27.4828

Details

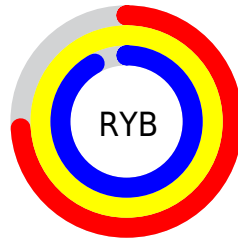
The XYZ color **70.8495, 88.5607, 60.9367** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.2951, 60.8498, 102.6480**, and the grayscale version is **77.8510, 81.9053, 89.1949**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **37.6340, 48.8817, 30.0058** is the 20% darker color. If you saturate the color by 10%, you get **63.5897, 85.1082, 47.4930**, and if you desaturate by 10%, it is **79.1634, 92.5005, 76.9676**.

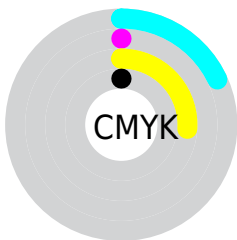
Distribution



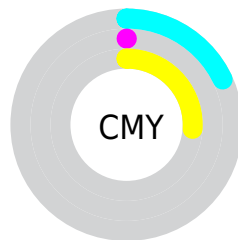
- Red (82%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (92%)



- Cyan (18%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8495, 88.5607, 60.9367 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 70.8495, 88.5607, 60.9367 by changing the saturation by 10% instead.


 70.8495, 88.5607,
60.9367

 70.8495, 88.5607,
60.9367


452.7472,
523.3377, 445.9420

 52.5015, 66.7875,
43.7439


 119.4391,
145.3375, 107.7439

 37.6308, 48.9120,
30.1335


150.4114,
181.1099, 138.1954

 25.8722, 34.5497,
19.6870


186.3224,
222.3176, 173.9034

 16.8602, 23.3162,
11.9859

227.5377,
269.3448, 215.2867

 10.2296, 14.8271,
6.6117

274.4224,
322.5761, 262.7636

 5.6149, 8.6982,
3.1457

327.3420,

 2.6508, 4.5448,

382.3957, 316.7528

1.1695

386.6618,
449.1881, 377.6727

■ 0.9719, 1.9828,
0.0000

■ 0.0000, 0.5974,
0.0000

■ 70.8495, 88.5607,
60.9367

■ 70.8495, 88.5607,
60.9367

■ 63.5897, 85.1082,
47.4930

■ 79.1634, 92.5005,
76.9676

■ 57.3380, 82.1223,
36.4969

■ 88.5714, 96.9455,
95.7073

■ 52.0475, 79.5818,
27.8020

95.0500, 100.0000,
108.9000

■ 47.6660, 77.4637,
21.2443

■ 44.1364, 75.7424,
16.6384

■ 41.3935, 74.3891,
13.7672

■ 39.3602, 73.3700,
12.3602

■ 38.7498, 73.0613,
12.0599

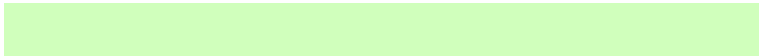
Harmonies

Analogous

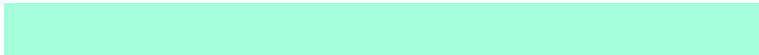
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2304, 88.5607, 50.7473



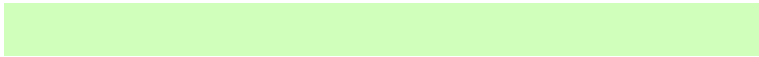
70.8495, 88.5607, 60.9367



66.2496, 88.5607, 81.8754

Triad

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



70.8495, 88.5607, 60.9367



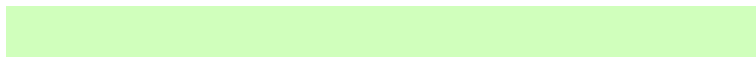
78.9266, 88.5607, 163.2317



105.1699, 88.5607, 82.6913

Complementary

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



70.8495, 88.5607, 60.9367



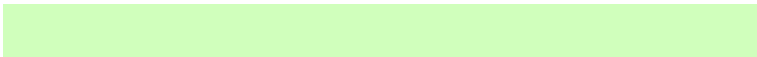
70.2951, 60.8498, 102.6480

Split Complementary

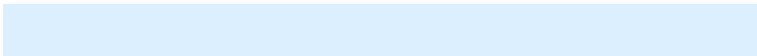
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.0715, 88.5607, 112.6093



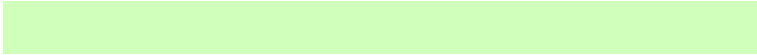
70.8495, 88.5607, 60.9367



89.3197, 88.5607, 163.5771

Square

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



70.8495, 88.5607, 60.9367



70.6430, 88.5607, 142.6973



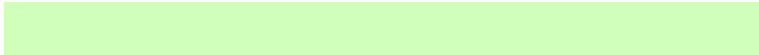
99.0730, 88.5607, 143.5612



99.3317, 88.5607, 61.4269

Rectangle

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



70.8495, 88.5607, 60.9367



65.6842, 88.5607, 101.0490



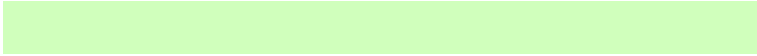
99.0730, 88.5607, 143.5612



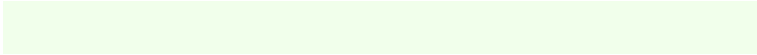
105.8444, 88.5607, 91.9492

Sweetspot

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



70.8500, 88.5610, 60.9380



86.8673, 96.1412, 92.2733



79.9973, 84.2508, 59.6240



18.2812, 20.4309, 19.1244



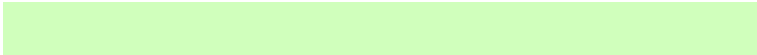
0.0000, 0.0000, 0.0000



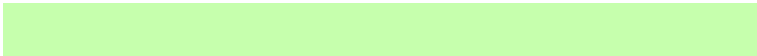
20.3446, 21.4041, 23.3091

Same Dimension

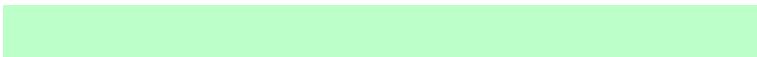
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8500, 88.5610, 60.9380



66.5664, 86.5255, 52.9311



67.0896, 86.4476, 68.6566



18.2812, 20.4309, 19.1244



20.3777, 38.2432, 6.3077



2.0885, 3.7774, 0.6190

Inverse Universe

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



70.2951, 60.8498, 102.6480



65.9102, 54.1903, 101.5937



75.1908, 63.6142, 92.0059



18.2338, 18.0122, 22.7656



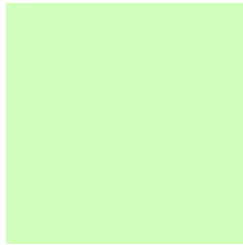
19.2889, 8.8543, 50.1270



1.9883, 0.9189, 4.8858

Previews

White Background



This preview shows how the XYZ color 70.8495, 88.5607, 60.9367 looks on a white background.

Color Contrast Check

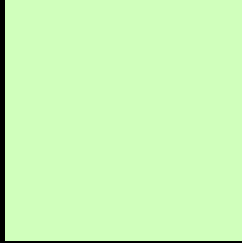
Large Text (above 18pt) WCAG AA × Fail

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 70.8495, 88.5607, 60.9367 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

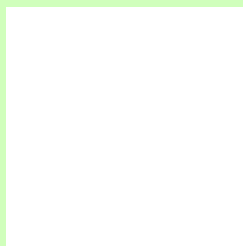
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8495, 88.5607, 60.9367

Background



This preview shows how black text looks on a background with the XYZ color 70.8495, 88.5607, 60.9367.



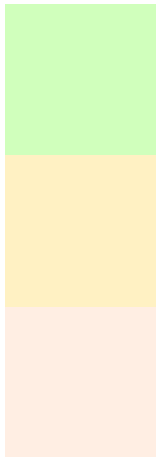
This preview shows how white text looks on a background with the XYZ color 70.8495, 88.5607,

60.9367.

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

70.8495, 88.5607, 60.9367

Protanopia

82.5456, 88.1107, 64.2862

Deuteranopia

85.6797, 87.9551, 85.1343



Tritanopia

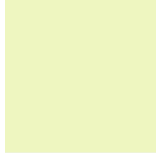
82.4137, 87.9792, 107.2458

Trichromacy



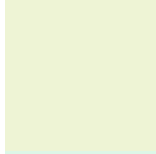
Original Color

70.8495, 88.5607, 60.9367



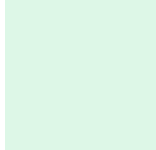
Protanomaly

77.7301, 87.8944, 62.7377



Deuteranomaly

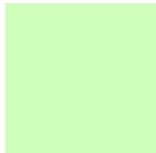
79.6208, 87.6826, 75.6788



Tritanomaly

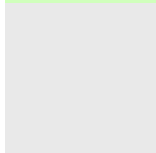
77.5034, 87.6632, 88.4371

Monochromacy



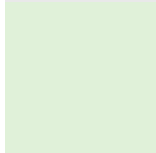
Original Color

70.8495, 88.5607, 60.9367



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.7202, 83.7676, 77.8762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8495, 88.5607, 60.9367 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 70.8495, 88.5607, 60.9367 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, 188) }
```


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

```
.border{ border-color:rgb(208, 255, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8495, 88.5607, 60.9367 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, 188) }
```

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

```
.background{ background-color: rgb(208,  
255, 188) }
```

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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