

Converting Colors

XYZ(100.3290, 146.2571,
70.6244)

Have a look what the booklet for
XYZ(100.3290, 146.2571, 70.6244)
contains.

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Color

**XYZ(71.7011, 88.9997,
60.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FFBC
RGB	211, 255, 188
RGB Percent	83%, 100%, 74%
CMY	0.1725, 0.0000, 0.2627
CMYK	0.17, 0.00, 0.26, 0.00
HSL	99°, 100%, 87%
HSV	99°, 26%, 100%
XYZ	71.7011, 88.9997, 60.9766
YIQ	234.2060, -4.7170, -30.1650

Conversions

Conversions Part 2

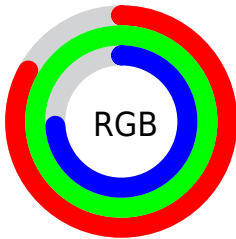
Format	Color
RYB	188, 255, 232
Decimal	13893564
CIELab	95.58, -25.79, 27.53
CIELCh	96, 37.719, 133.132
Yxy	88.9997, 0.3234, 0.4015
Android (android.graphics.Color)	4292083644 (0xFFD3FFBC)
YUV	234.2060, -22.7796, -20.3517
Hunter-Lab	94.3397, -29.4288, 27.7156

Details

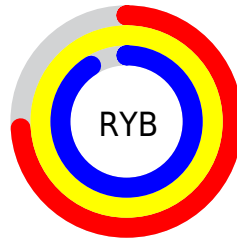
The XYZ color **71.7011, 88.9997, 60.9766** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.3129, 60.3435, 102.6020**, and the grayscale version is **78.5320, 82.6218, 89.9752**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **38.2075, 49.1773, 30.0327** is the 20% darker color. If you saturate the color by 10%, you get **64.6399, 85.6496, 47.5422**, and if you desaturate by 10%, it is **79.7490, 92.8024, 76.9951**.

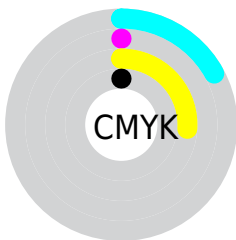
Distribution



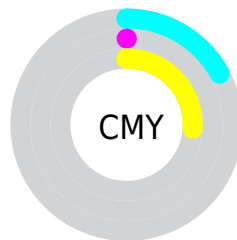
- Red (83%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7011, 88.9997, 60.9766 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 71.7011, 88.9997, 60.9766 by changing the saturation by 10% instead.


 71.7011, 88.9997,
60.9766

 71.7011, 88.9997,
60.9766


455.6744,
524.7715, 446.0924

 53.1991, 67.1513,
43.7758


 120.6446,
145.9482, 107.8023

 38.1899, 49.2076,
30.1584


151.8168,
181.8170, 138.2642

 26.3080, 34.7842,
19.7058


187.9432,
223.1281, 173.9837

 17.1881, 23.4967,
11.9994

229.3890,
270.2659, 215.3792

 10.4648, 14.9607,
6.6207

276.5197,
323.6147, 262.8693

 5.7728, 8.7918,
3.1512

329.7006,

 2.7468, 4.6056,

383.5590, 316.8725

1.1724

389.2970,
450.4831, 377.8073

■ 1.0213, 2.0178,
0.0000

■ 0.0000, 0.6178,
0.0000

■ 71.7011, 88.9997,
60.9766

■ 71.7011, 88.9997,
60.9766

■ 64.6399, 85.6496,
47.5422

■ 79.7490, 92.8024,
76.9951

■ 58.5230, 82.7331,
36.5524

■ 88.8202, 97.0737,
95.7190

■ 53.3070, 80.2311,
27.8610

95.0500, 100.0000,
108.9000

■ 48.9441, 78.1226,
21.3042

■ 45.3814, 76.3843,
16.6967

■ 42.5590, 74.9900,
13.8217

■ 40.4052, 73.9087,
12.4091

■ 39.7407, 73.5721,
12.1063

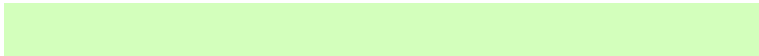
Harmonies

Analogous

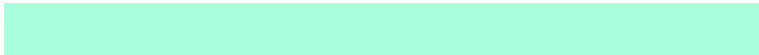
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1499, 88.9997, 51.3210



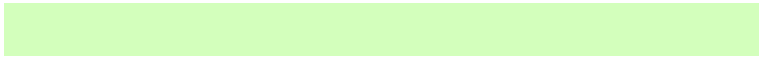
71.7011, 88.9997, 60.9766



66.9390, 88.9997, 81.2893

Triad

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



71.7011, 88.9997, 60.9766



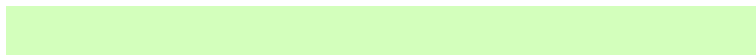
78.9469, 88.9997, 162.3272



105.4916, 88.9997, 84.5238

Complementary

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



71.7011, 88.9997, 60.9766



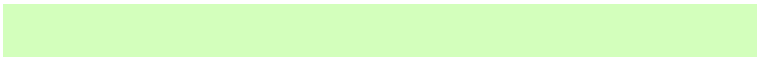
69.3129, 60.3435, 102.6020

Split Complementary

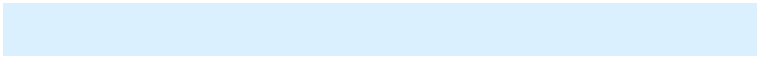
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.1030, 88.9997, 114.4036



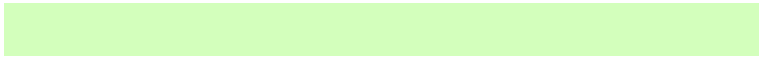
71.7011, 88.9997, 60.9766



89.1944, 88.9997, 163.6875

Square

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



71.7011, 88.9997, 60.9766



70.8825, 88.9997, 141.3320



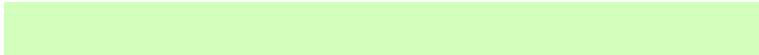
98.9412, 88.9997, 144.7382



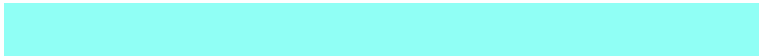
99.9631, 88.9997, 62.9264

Rectangle

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



71.7011, 88.9997, 60.9766



66.2344, 88.9997, 100.0533



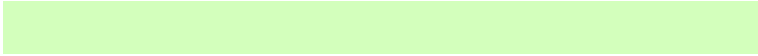
98.9412, 88.9997, 144.7382



106.0612, 88.9997, 93.8245

Sweetspot

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



71.7016, 89.0000, 60.9779



87.1794, 96.3021, 92.2879



79.0477, 82.3516, 59.3075



18.3594, 20.4712, 19.1280



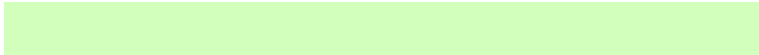
0.0000, 0.0000, 0.0000



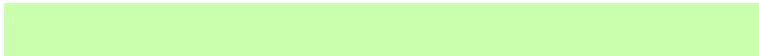
20.3446, 21.4041, 23.3091

Same Dimension

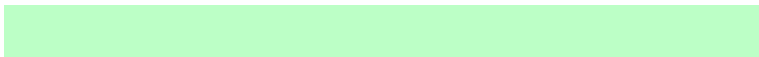
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7016, 89.0000, 60.9779



67.5397, 87.0272, 52.9766



66.6987, 86.2913, 66.5981



18.3594, 20.4712, 19.1280



20.9087, 38.5169, 6.3325



2.1477, 3.8079, 0.6218

Inverse Universe

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



69.3129, 60.3435, 102.6020



64.7454, 53.5898, 101.5392



75.6976, 63.8170, 94.6747



18.1517, 17.9700, 22.7618



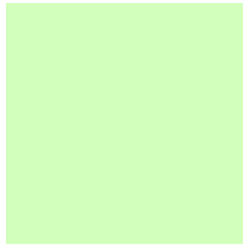
17.9766, 8.1778, 50.0656



1.8677, 0.8567, 4.8802

Previews

White Background



This preview shows how the XYZ color 71.7011, 88.9997, 60.9766 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 71.7011, 88.9997, 60.9766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

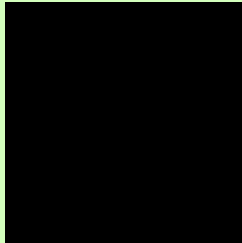
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

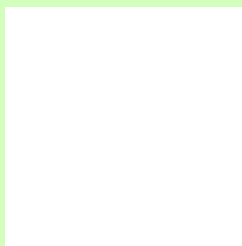
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7011, 88.9997, 60.9766

Background



This preview shows how black text looks on a background with the XYZ color 71.7011, 88.9997, 60.9766.



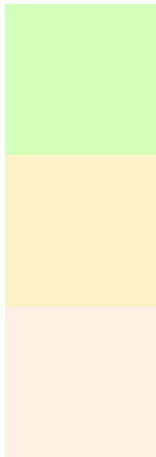
This preview shows how white text looks on a background with the XYZ color 71.7011, 88.9997,

60.9766.

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

71.7011, 88.9997, 60.9766

Protanopia

82.8883, 88.2478, 66.0909

Deuteranopia

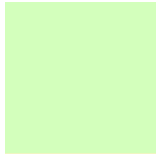
86.1101, 88.5944, 85.9607



Tritanopia

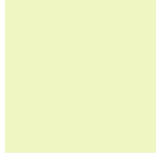
83.3557, 88.9103, 107.3758

Trichromacy



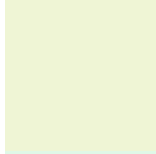
Original Color

71.7011, 88.9997, 60.9766



Protanomaly

78.2900, 88.1573, 63.9287



Deuteranomaly

80.2593, 88.4596, 75.7951



Tritanomaly

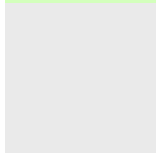
78.7317, 88.7516, 88.5825

Monochromacy



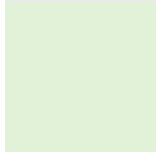
Original Color

71.7011, 88.9997, 60.9766



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.6405, 84.6828, 78.0044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7011, 88.9997, 60.9766 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(211, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 71.7011, 88.9997, 60.9766 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(211, 255, 188) }
```


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

```
.border{ border-color:rgb(211, 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(211, 255, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7011, 88.9997, 60.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 188) }
```

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

```
.background{ background-color: rgb(211,  
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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