

Converting Colors

XYZ(71.4257, 88.7841, 64.2938)

Have a look what the booklet for
XYZ(71.4257, 88.7841, 64.2938)
contains.

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Color

**XYZ(71.5100, 88.8249,
64.4149)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFC2
RGB	208, 255, 194
RGB Percent	82%, 100%, 76%
CMY	0.1843, 0.0000, 0.2392
CMYK	0.18, 0.00, 0.24, 0.00
HSL	106°, 100%, 88%
HSV	106°, 24%, 100%
XYZ	71.5100, 88.8249, 64.4149
YIQ	233.9930, -8.4310, -28.9350

Conversions

Conversions Part 2

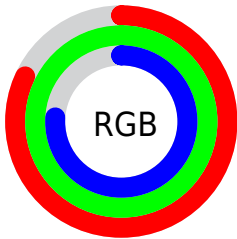
Format	Color
RYB	194, 255, 241
Decimal	13696962
CIELab	95.51, -25.88, 24.36
CIELCh	96, 35.538, 136.732
Yxy	88.8249, 0.3182, 0.3952
Android (android.graphics.Color)	4291887042 (0xFFD0FFC2)
YUV	233.9930, -19.7165, -22.7959
Hunter-Lab	94.2470, -29.4951, 25.4500

Details

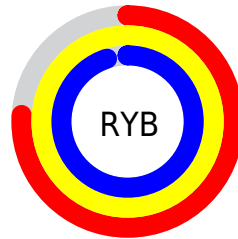
The XYZ color **71.5100, 88.8249, 64.4149** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.6184, 64.5056, 103.1785**, and the grayscale version is **78.3501, 82.4304, 89.7667**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **38.0646, 49.0539, 32.2731** is the 20% darker color. If you saturate the color by 10%, you get **63.7009, 85.1022, 50.3606**, and if you desaturate by 10%, it is **80.4960, 93.0976, 81.0921**.

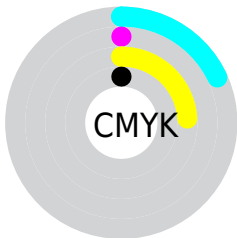
Distribution



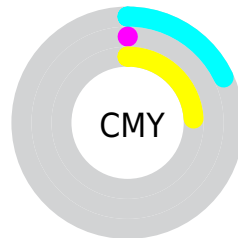
- Red (82%)
- Green (100%)
- Blue (76%)



- 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 71.5100, 88.8249, 64.4149 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 71.5100, 88.8249, 64.4149 by changing the saturation by 10% instead.


 71.5100, 88.8249,
64.4149

 71.5100, 88.8249,
64.4149


455.0184,
524.2008, 458.9349

 53.0425, 67.0064,
46.5385


120.3742,
145.7050, 112.8135

 38.0643, 49.0899,
32.3192


151.5016,
181.5355, 144.1727

 26.2101, 34.6908,
21.3386


187.5798,
222.8055, 180.8632

 17.1144, 23.4248,
13.1781

228.9740,
269.8992, 223.3036

 10.4119, 14.9075,
7.4191

276.0496,
323.2013, 271.9125

 5.7372, 8.7545,
3.6432

329.1720,

 2.7251, 4.5814,

383.0960, 327.1083

1.4317

388.7065,
449.9677, 389.3096

■ 1.0101, 2.0038,
0.1663

■ 0.0000, 0.6097,
0.0000

■ 71.5100, 88.8249,
64.4149

■ 71.5100, 88.8249,
64.4149

■ 63.7009, 85.1022,
50.3606

■ 80.4960, 93.0976,
81.0921

■ 57.0171, 81.9057,
38.7918

■ 90.7043, 97.9409,
100.5119

■ 51.4054, 79.2112,
29.5648

■ 95.0500, 100.0000,
108.9000

■ 46.8075, 76.9920,
22.5197

■ 43.1590, 75.2190,
17.4763

■ 40.3878, 73.8595,
14.2257

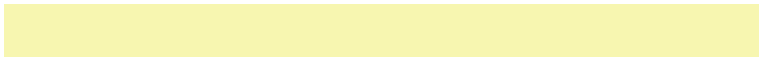
■ 38.4094, 72.8754,
12.5129

■ 37.5354, 72.4352,
12.0031

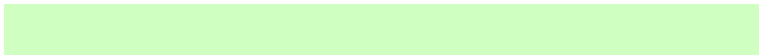
Harmonies

Analogous

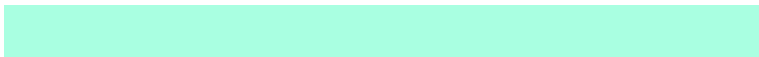
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1479, 88.8249, 53.9082



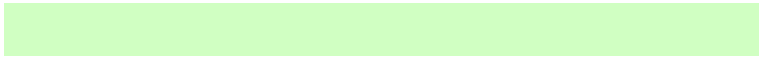
71.5100, 88.8249, 64.4149



67.4782, 88.8249, 84.9207

Triad

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



71.5100, 88.8249, 64.4149



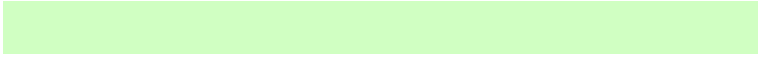
80.1999, 88.8249, 158.8726



103.6598, 88.8249, 82.0815

Complementary

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



71.5100, 88.8249, 64.4149



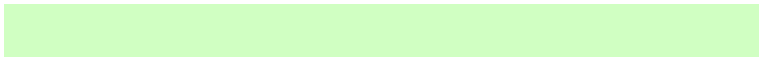
73.6184, 64.5056, 103.1785

Split Complementary

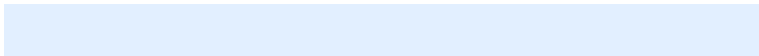
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.9961, 88.8249, 109.5541



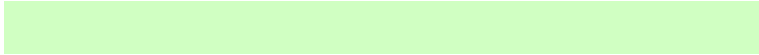
71.5100, 88.8249, 64.4149



89.9325, 88.8249, 157.7073

Square

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



71.5100, 88.8249, 64.4149



72.2290, 88.8249, 141.2614



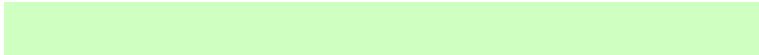
98.8092, 88.8249, 138.3308



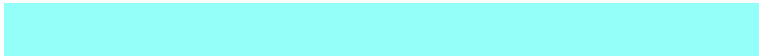
97.9229, 88.8249, 62.6823

Rectangle

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



71.5100, 88.8249, 64.4149



67.1594, 88.8249, 103.1396



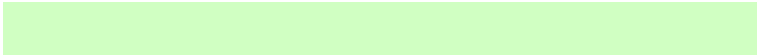
98.8092, 88.8249, 138.3308



104.4227, 88.8249, 90.5633

Sweetspot

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



71.5106, 88.8252, 64.4163



87.4278, 96.3874, 94.2324



82.3643, 87.9280, 63.6710



18.5787, 20.5671, 19.9129



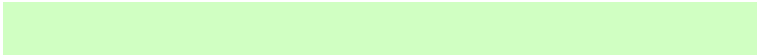
0.0000, 0.0000, 0.0000



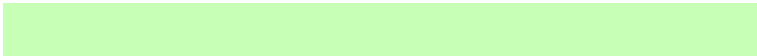
20.3446, 21.4041, 23.3091

Same Dimension

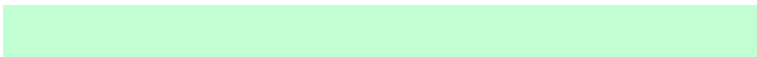
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5106, 88.8252, 64.4163



67.3999, 86.8669, 56.9576



69.6751, 87.6562, 74.3953



18.1615, 20.3692, 19.1188



19.7194, 37.9038, 6.2768



2.0104, 3.7371, 0.6154

Inverse Universe

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



73.6184, 64.5056, 103.1785



69.8536, 58.4702, 102.2119



76.0730, 66.0609, 90.1970



18.3611, 18.0779, 22.7716



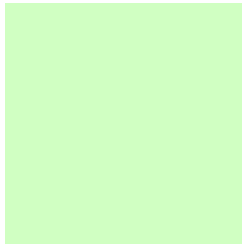
21.5286, 10.0089, 50.2318



2.1907, 1.0233, 4.8953

Previews

White Background



This preview shows how the XYZ color 71.5100, 88.8249, 64.4149 looks on a white background.

Color Contrast Check

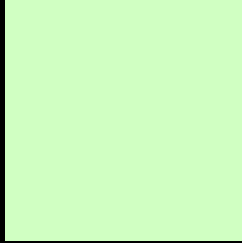
Large Text (above 18pt) WCAG AA × Fail

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 71.5100, 88.8249, 64.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

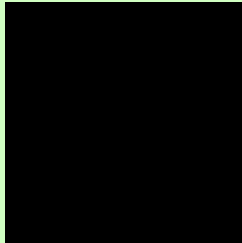
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

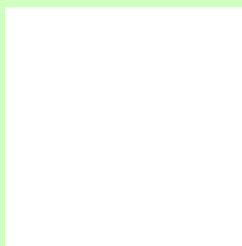
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5100, 88.8249, 64.4149

Background



This preview shows how black text looks on a background with the XYZ color 71.5100, 88.8249, 64.4149.

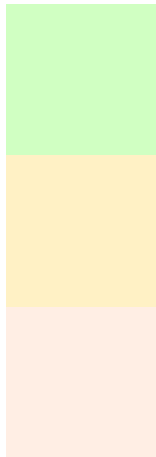


This preview shows how white text looks on a background with the XYZ color 71.5100, 88.8249,

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

71.5100, 88.8249, 64.4149

Protanopia

82.7733, 88.2018, 65.4854

Deuteranopia

85.8181, 88.0105, 85.8634



Tritanopia

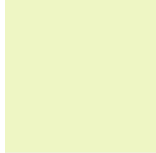
83.0338, 88.7444, 107.3608

Trichromacy



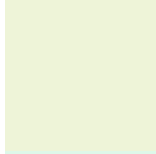
Original Color

71.5100, 88.8249, 64.4149



Protanomaly

78.1795, 88.0742, 65.1041



Deuteranomaly

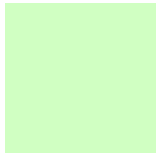
80.0052, 87.8364, 77.7031



Tritanomaly

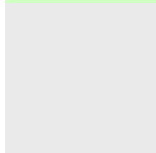
78.3996, 88.5476, 90.0501

Monochromacy



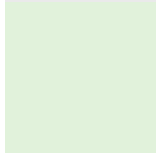
Original Color

71.5100, 88.8249, 64.4149



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.5897, 84.6263, 79.3683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5100, 88.8249, 64.4149 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 71.5100, 88.8249, 64.4149 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, 194) }
```


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

```
.border{ border-color:rgb(208, 255, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5100, 88.8249, 64.4149 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, 194) }
```

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

```
.background{ background-color: rgb(208,  
255, 194) }
```

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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