

Converting Colors

XYZ(76.9872, 100.0000,
61.2947)

Have a look what the booklet for
XYZ(76.9872, 100.0000, 61.2947)
contains.

XYZ(71.3809, 88.8717, 59.2907)	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(71.3809, 88.8717,
59.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FFB9
RGB	211, 255, 185
RGB Percent	83%, 100%, 73%
CMY	0.1725, 0.0000, 0.2745
CMYK	0.17, 0.00, 0.27, 0.00
HSL	98°, 100%, 86%
HSV	98°, 27%, 100%
XYZ	71.3809, 88.8717, 59.2907
YIQ	233.8640, -3.7540, -31.0980

Conversions

Conversions Part 2

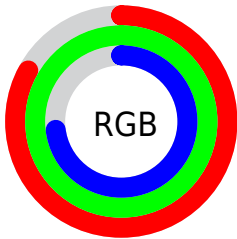
Format	Color
RYB	185, 255, 229
Decimal	13893561
CIELab	95.53, -26.24, 28.97
CIELCh	96, 39.082, 132.167
Yxy	88.8717, 0.3251, 0.4048
Android (android.graphics.Color)	4292083641 (0xFFD3FFB9)
YUV	233.8640, -24.0900, -20.0517
Hunter-Lab	94.2718, -29.8186, 28.7008

Details

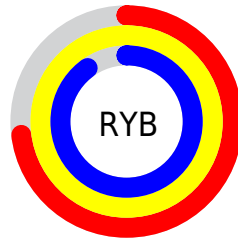
The XYZ color **71.3809, 88.8717, 59.2907** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.7131, 58.5772, 102.3454**, and the grayscale version is **78.2818, 82.3586, 89.6885**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **38.0011, 49.0948, 28.9461** is the 20% darker color. If you saturate the color by 10%, you get **64.5601, 85.6390, 46.1572**, and if you desaturate by 10%, it is **79.1434, 92.5339, 74.9909**.

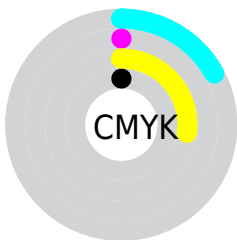
Distribution



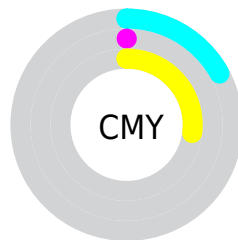
- Red (83%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3809, 88.8717, 59.2907 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 71.3809, 88.8717, 59.2907 by changing the saturation by 10% instead.


 71.3809, 88.8717,
59.2907

 71.3809, 88.8717,
59.2907


454.5750,
524.3537, 439.7102

 52.9367, 67.0452,
42.4256


 120.1915,
145.7701, 105.3333

 37.9796, 49.1214,
29.1067


151.2887,
181.6109, 135.3479

 26.1440, 34.7158,
18.9152


187.3342,
222.8919, 170.5828

 17.0646, 23.4440,
11.4329

228.6935,
269.9974, 211.4565

 10.3762, 14.9217,
6.2410

275.7318,
323.3120, 258.3876

 5.7132, 8.7645,
2.9210

328.8146,

 2.7105, 4.5879,

383.2200, 311.7945

1.0544

388.3072,
450.1057, 372.0959

■ 1.0026, 2.0075,
0.0000

■ 0.0000, 0.6118,
0.0000

■ 71.3809, 88.8717,
59.2907

■ 71.3809, 88.8717,
59.2907

■ 64.5601, 85.6390,
46.1572

■ 79.1434, 92.5339,
74.9909

■ 58.6405, 82.8182,
35.4499

■ 87.8830, 96.6413,
93.3804

■ 53.5803, 80.3909,
27.0210

95.0500, 100.0000,
108.9000

■ 49.3335, 78.3370,
20.7045

■ 45.8490, 76.6343,
16.3123

■ 43.0683, 75.2574,
13.6229

■ 40.9192, 74.1756,
12.3474

■ 40.4494, 73.9375,
12.1395

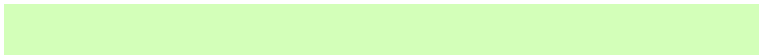
Harmonies

Analogous

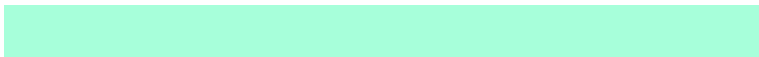
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2018, 88.8717, 49.7890



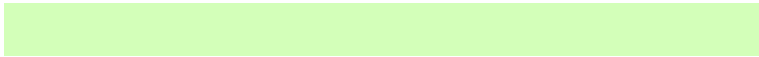
71.3809, 88.8717, 59.2907



66.3363, 88.8717, 79.7979

Triad

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



71.3809, 88.8717, 59.2907



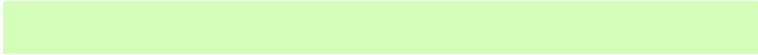
78.3163, 88.8717, 164.5029



106.2523, 88.8717, 84.8560

Complementary

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



71.3809, 88.8717, 59.2907



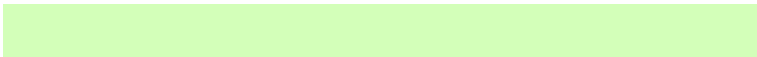
67.7131, 58.5772, 102.3454

Split Complementary

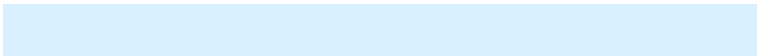
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.6392, 88.8717, 115.9840



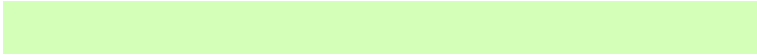
71.3809, 88.8717, 59.2907



88.8867, 88.8717, 166.6628

Square

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



71.3809, 88.8717, 59.2907



70.1013, 88.8717, 142.0243



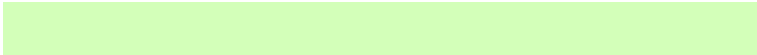
99.0684, 88.8717, 147.4182



100.6788, 88.8717, 62.3163

Rectangle

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



71.3809, 88.8717, 59.2907



65.5097, 88.8717, 99.0140



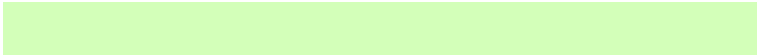
99.0684, 88.8717, 147.4182



106.7752, 88.8717, 94.5526

Sweetspot

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



71.3814, 88.8719, 59.2920



87.3764, 96.4036, 92.2971



77.7867, 80.3419, 57.3080



18.4088, 20.4967, 19.1303



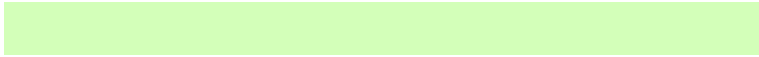
0.0000, 0.0000, 0.0000



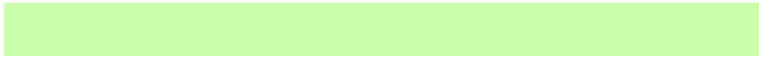
20.3446, 21.4041, 23.3091

Same Dimension

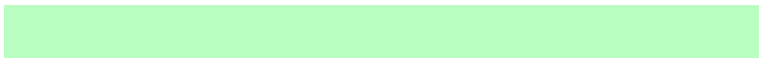
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3814, 88.8719, 59.2920



67.4819, 87.0257, 51.6941



65.4126, 85.6924, 63.6435



18.4088, 20.4967, 19.1303



21.2864, 38.7116, 6.3502



2.1884, 3.8289, 0.6237

Inverse Universe

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



67.7131, 58.5772, 102.3454



63.2462, 52.0958, 101.3298



75.3523, 62.6640, 95.9850



18.1004, 17.9435, 22.7594



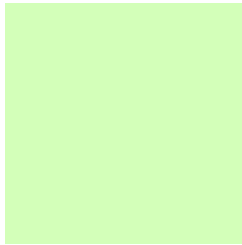
17.2073, 7.7812, 50.0296



1.7962, 0.8199, 4.8769

Previews

White Background



This preview shows how the XYZ color 71.3809, 88.8717, 59.2907 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 71.3809, 88.8717, 59.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

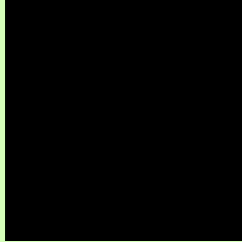
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

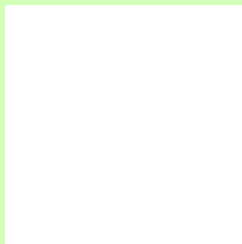
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3809, 88.8717, 59.2907

Background



This preview shows how black text looks on a background with the XYZ color 71.3809, 88.8717, 59.2907.

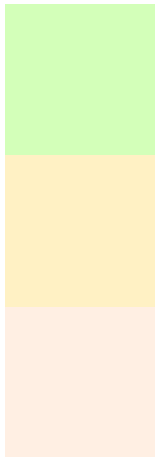


This preview shows how white text looks on a background with the XYZ color 71.3809, 88.8717,

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

71.3809, 88.8717, 59.2907

Protanopia

82.6591, 88.1561, 64.8838

Deuteranopia

85.9716, 88.5391, 85.2316



Tritanopia

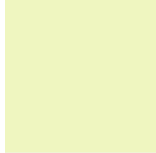
83.0556, 88.3101, 107.2758

Trichromacy



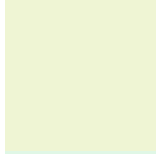
Original Color

71.3809, 88.8717, 59.2907



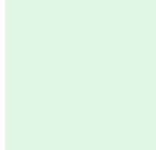
Protanomaly

78.0668, 88.0680, 62.7534



Deuteranomaly

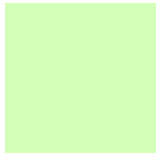
80.1327, 88.4090, 75.1286



Tritanomaly

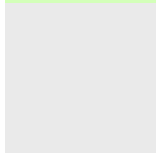
78.2842, 88.0820, 87.7384

Monochromacy



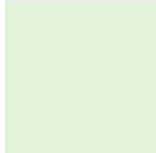
Original Color

71.3809, 88.8717, 59.2907



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.5108, 84.6309, 77.3213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3809, 88.8717, 59.2907 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 185) }
```

Border

The CSS property to change the border of an element to XYZ 71.3809, 88.8717, 59.2907 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, 185) }
```


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

```
.border{ border-color:rgb(211, 255, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3809, 88.8717, 59.2907 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, 185) }
```

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

```
.background{ background-color: rgb(211,  
255, 185) }
```

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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