

Converting Colors

XYZ(72.8705, 88.7341, 58.7741)

Have a look what the booklet for
XYZ(72.8705, 88.7341, 58.7741)
contains.

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Color

**XYZ(72.6905, 88.6167,
58.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFDB8
RGB	218, 253, 184
RGB Percent	85%, 99%, 72%
CMY	0.1451, 0.0078, 0.2784
CMYK	0.14, 0.00, 0.27, 0.01
HSL	90°, 95%, 86%
HSV	90°, 27%, 99%
XYZ	72.6905, 88.6167, 58.6209
YIQ	234.6690, 1.2890, -28.8790

Conversions

Conversions Part 2

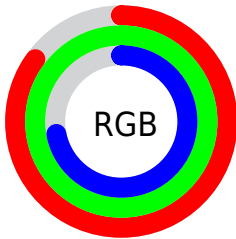
Format	Color
RYB	184, 253, 219
Decimal	14351800
CIELab	95.42, -23.01, 29.40
CIELCh	95, 37.336, 128.051
Yxy	88.6167, 0.3305, 0.4029
Android (android.graphics.Color)	4292541880 (0xFFDAFDB8)
YUV	234.6690, -24.9798, -14.6187
Hunter-Lab	94.1364, -26.9042, 28.9743

Details

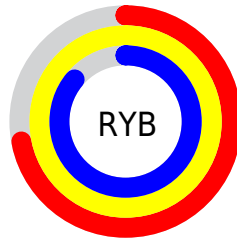
The XYZ color **72.6905, 88.6167, 58.6209** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.0871, 56.4353, 100.4487**, and the grayscale version is **78.8992, 83.0081, 90.3958**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **38.6695, 48.7729, 28.4951** is the 20% darker color. If you saturate the color by 10%, you get **66.5820, 85.7498, 45.7075**, and if you desaturate by 10%, it is **79.5752, 91.8343, 74.0501**.

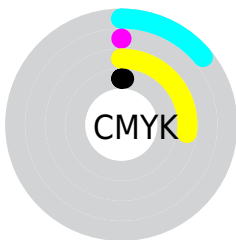
Distribution



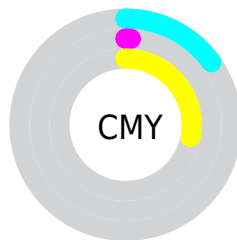
- Red (85%)
- Green (99%)
- Blue (72%)



- Red (72%)
- Yellow (99%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (1%)




- Cyan (15%)
- Magenta (1%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6905, 88.6167, 58.6209 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 72.6905, 88.6167, 58.6209 by changing the saturation by 10% instead.


 72.6905, 88.6167,
58.6209

 72.6905, 88.6167,
58.6209


459.0618,
523.5207, 437.1583

 54.0104, 66.8339,
41.8900

 122.0432,
145.4154, 104.3502

 38.8407, 48.9497,
28.6903


153.4466,
181.2002, 134.1857

 26.8160, 34.5796,
18.6031


189.8217,
222.4210, 169.2264

 17.5709, 23.3392,
11.2099

231.5340,
269.4624, 209.8910

 10.7402, 14.8442,
6.0923

278.9488,
322.7086, 256.5979

 5.9584, 8.7101,
2.8316

332.4315,

 2.8602, 4.5526,

382.5442, 309.7658

1.0093

392.3474,
449.3534, 369.8130

■ 1.0803, 1.9872,
0.0000

■ 0.0085, 0.6000,
0.0000

■ 72.6905, 88.6167,
58.6209

■ 72.6905, 88.6167,
58.6209

■ 66.5820, 85.7498,
45.7075

■ 79.5752, 91.8343,
74.0501

■ 61.2108, 83.2085,
35.1706

■ 87.2592, 95.4037,
92.1129

■ 56.5446, 80.9820,
26.8663

■ 94.4171, 98.7342,
108.6890

■ 52.5457, 79.0544,
20.6328

■ 49.1717, 77.4077,
16.2861

■ 46.3737, 76.0216,
13.6102

■ 44.0907, 74.8707,
12.3258

■ 43.5347, 74.5885,
12.1025

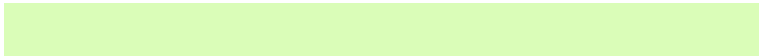
Harmonies

Analogous

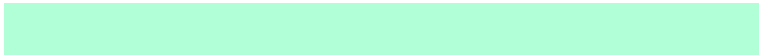
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5061, 88.6167, 50.8159



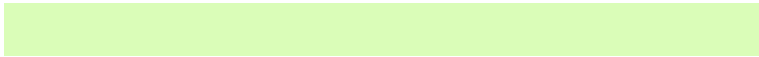
72.6905, 88.6167, 58.6209



67.2895, 88.6167, 76.9506

Triad

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



72.6905, 88.6167, 58.6209



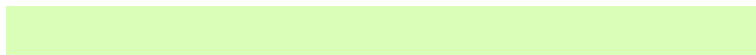
77.0962, 88.6167, 158.6419



105.2137, 88.6167, 88.8216

Complementary

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



72.6905, 88.6167, 58.6209



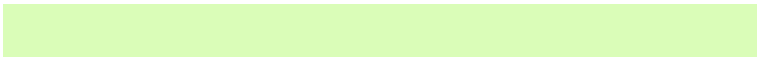
64.0871, 56.4353, 100.4487

Split Complementary

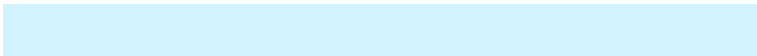
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.7932, 88.6167, 119.0818



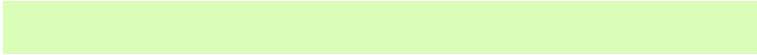
72.6905, 88.6167, 58.6209



87.0089, 88.6167, 163.6008

Square

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



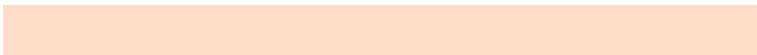
72.6905, 88.6167, 58.6209



69.6862, 88.6167, 135.4846



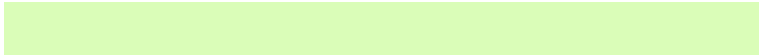
96.9249, 88.6167, 147.9168



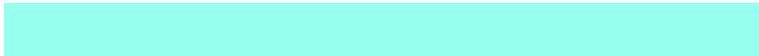
100.6628, 88.6167, 65.8004

Rectangle

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



72.6905, 88.6167, 58.6209



66.0807, 88.6167, 94.5879



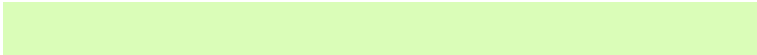
96.9249, 88.6167, 147.9168



105.4252, 88.6167, 98.4145

Sweetspot

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



72.6928, 88.6206, 58.6228



88.2323, 96.8449, 92.3372



74.3644, 74.7491, 55.8573



18.6239, 20.6075, 19.1404



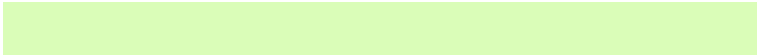
0.0000, 0.0000, 0.0000



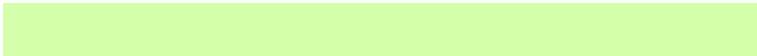
20.3446, 21.4041, 23.3091

Same Dimension

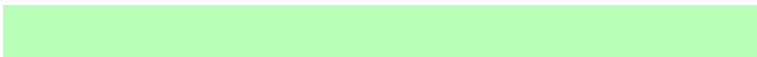
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6928, 88.6206, 58.6228



70.3377, 88.4979, 51.8278



63.5468, 83.9056, 58.1948



18.6239, 20.6075, 19.1404



23.3252, 39.7626, 6.4456



2.3968, 3.9364, 0.6335

Inverse Universe

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



64.0871, 56.4353, 100.4487



60.1816, 50.5160, 101.1864



75.3816, 62.2579, 100.9773



17.8814, 17.8306, 22.7491



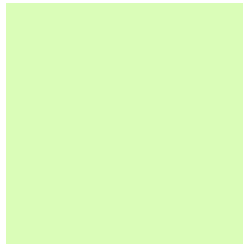
14.3633, 6.3151, 49.8965



1.5246, 0.6799, 4.8641

Previews

White Background



This preview shows how the XYZ color 72.6905, 88.6167, 58.6209 looks on a white background.

Color Contrast Check

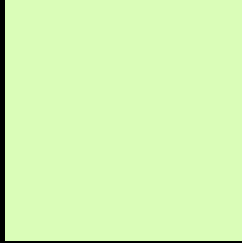
Large Text (above 18pt) WCAG AA × Fail

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 72.6905, 88.6167, 58.6209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

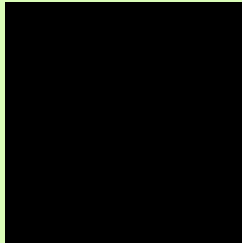
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

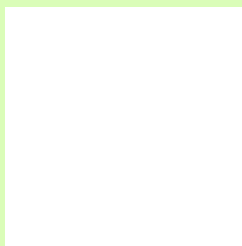
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6905, 88.6167, 58.6209

Background



This preview shows how black text looks on a background with the XYZ color 72.6905, 88.6167, 58.6209.

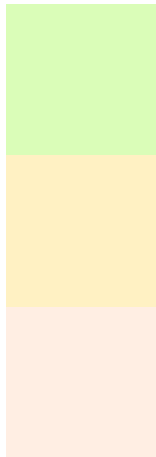


This preview shows how white text looks on a background with the XYZ color 72.6905, 88.6167,

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

72.6905, 88.6167, 58.6209

Protanopia

82.5456, 88.1107, 64.2862

Deuteranopia

85.6797, 87.9551, 85.1343



Tritanopia

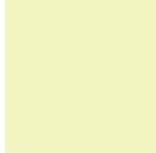
83.7338, 88.2167, 107.2220

Trichromacy



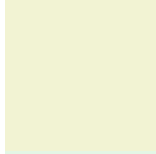
Original Color

72.6905, 88.6167, 58.6209



Protanomaly

78.6743, 87.9436, 62.1185



Deuteranomaly

80.4264, 87.6816, 74.3133



Tritanomaly

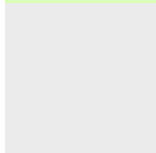
79.0935, 88.0627, 86.9579

Monochromacy



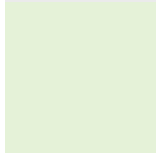
Original Color

72.6905, 88.6167, 58.6209



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.4599, 85.1201, 77.3657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6905, 88.6167, 58.6209 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(218, 253, 184)` looks like.

```
.text, #text, p{  
    color:rgb(218, 253, 184)  
}
```

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(218, 253, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 253, 184) }
```

Border

The CSS property to change the border of an element to XYZ 72.6905, 88.6167, 58.6209 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(218, 253, 184) }
```


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

```
.border{ border-color:rgb(218, 253, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 253, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 253, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 253, 184);  
box-shadow:4px 4px 4px 4px rgb(218, 253,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6905, 88.6167, 58.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 253, 184) }
```

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

```
.background{ background-color: rgb(218,  
253, 184) }
```

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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