

Converting Colors

XYZ(76.5899, 88.5793, 84.0453)

Have a look what the booklet for
XYZ(76.5899, 88.5793, 84.0453)
contains.

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Color

**XYZ(76.6897, 88.7129,
84.3155)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFAE1
RGB	218, 250, 225
RGB Percent	85%, 98%, 88%
CMY	0.1451, 0.0196, 0.1176
CMYK	0.13, 0.00, 0.10, 0.02
HSL	133°, 76%, 92%
HSV	133°, 13%, 98%
XYZ	76.6897, 88.7129, 84.3155
YIQ	237.5820, -11.0470, -14.5590

Conversions

Conversions Part 2

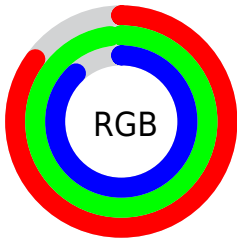
Format	Color
R_{YB}	218, 244, 250
Decimal	14351073
CIE _{Lab}	95.46, -14.95, 8.51
CIE _{LCh}	95, 17.205, 150.340
Yxy	88.7129, 0.3071, 0.3553
Android (android.graphics.Color)	4292541153 (0xFFDAFAE1)
YUV	237.5820, -6.2029, -17.1734
Hunter-Lab	94.1875, -19.4893, 12.8556

Details

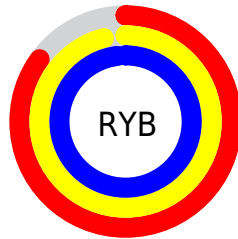
The XYZ color **76.6897, 88.7129, 84.3155** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.6766, 76.9401, 95.3970**, and the grayscale version is **80.9995, 85.2178, 92.8022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4299, 48.8287, 45.2715** is the 20% darker color. If you saturate the color by 10%, you get **67.2562, 84.1427, 70.7517**, and if you desaturate by 10%, it is **87.5606, 93.9939, 99.5415**.

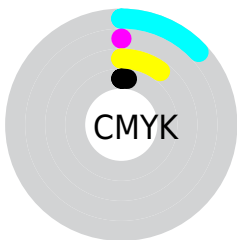
Distribution



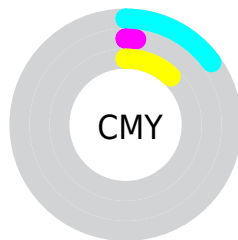
- Red (85%)
- Green (98%)
- Blue (88%)



- Red (85%)
- Yellow (96%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)





- Cyan (15%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6897, 88.7129, 84.3155 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 76.6897, 88.7129, 84.3155 by changing the saturation by 10% instead.


 76.6897, 88.7129,
84.3155

 76.6897, 88.7129,
84.3155

472.6136,
523.8350, 529.4457

 57.2973, 66.9136,
62.7291


127.6765,
145.5493, 141.2821

 41.4850, 49.0144,
45.1825


160.0017,
181.3551, 177.4993

 28.8876, 34.6309,
31.2572


197.3684,
222.5987, 219.4305

 19.1397, 23.3787,
20.5347

240.1421,
269.6643, 267.4943

 11.8758, 14.8734,
12.5964

288.6881,
322.9363, 322.1092

 6.7308, 8.7306,
7.0237

343.3718,

 3.3391, 4.5659,

382.7992, 383.6937

3.3983

404.5585,
449.6373, 452.6664

■ 1.3355, 1.9949,
1.3014

■ 0.2096, 0.6045,
0.0630

■ 76.6897, 88.7129,
84.3155

■ 76.6897, 88.7129,
84.3155

■ 67.2562, 84.1427,
70.7517

■ 87.5606, 93.9939,
99.5415

■ 59.1922, 80.2420,
58.7881

■ 93.4773, 96.8546,
108.3758

■ 52.4352, 76.9823,
48.3671

■ 46.9150, 74.3287,
39.4258

■ 42.5544, 72.2429,
31.8968

■ 39.2677, 70.6822,
25.7075

■ 36.9564, 69.5973,
20.7785

■ 35.5030, 68.9297,
17.0223

■ 34.8693, 68.6474,
14.9873

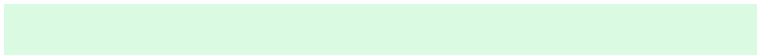
Harmonies

Analogous

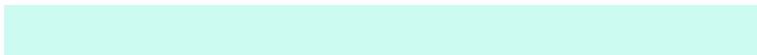
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8255, 88.7129, 75.8886



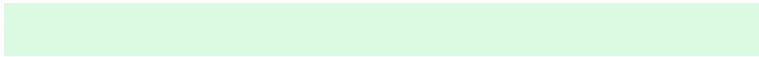
76.6897, 88.7129, 84.3155



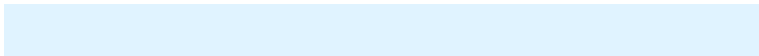
75.5810, 88.7129, 96.7471

Triad

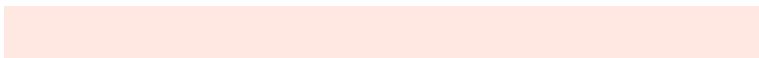
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6897, 88.7129, 84.3155



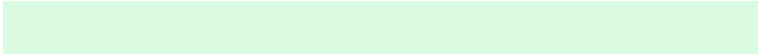
84.3727, 88.7129, 124.9277



92.3810, 88.7129, 84.0725

Complementary

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



76.6897, 88.7129, 84.3155



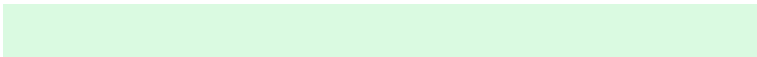
80.6766, 76.9401, 95.3970

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.



93.7056, 88.7129, 96.4396



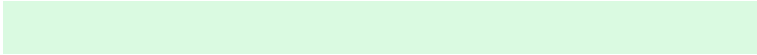
76.6897, 88.7129, 84.3155



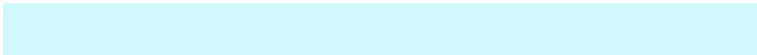
88.9779, 88.7129, 120.7579

Square

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



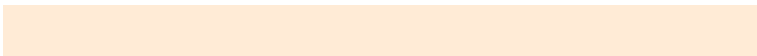
76.6897, 88.7129, 84.3155



79.9152, 88.7129, 120.9364



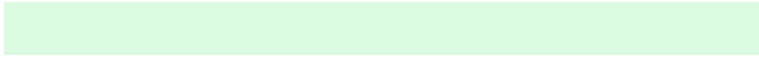
92.4381, 88.7129, 110.0086



88.8816, 88.7129, 75.7578

Rectangle

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



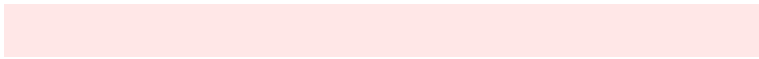
76.6897, 88.7129, 84.3155



76.1072, 88.7129, 105.8942



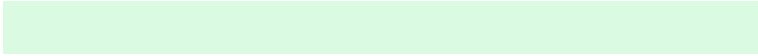
92.4381, 88.7129, 110.0086



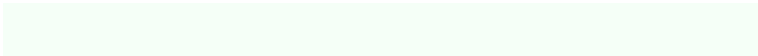
93.1011, 88.7129, 87.8536

Sweetspot

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



76.6921, 88.7167, 84.3175



90.1397, 97.6138, 102.1113



83.8292, 92.5041, 79.7677



19.1019, 20.8003, 21.5896



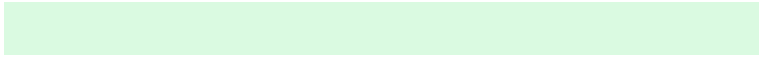
0.0000, 0.0000, 0.0000



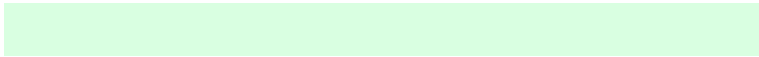
20.3446, 21.4041, 23.3091

Same Dimension

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



76.6921, 88.7167, 84.3175



77.9075, 91.6760, 84.9065



78.9692, 89.6275, 96.3081



17.1728, 19.3714, 19.1104



18.5382, 36.4283, 8.1773



1.7546, 3.3889, 0.9556

Inverse Universe

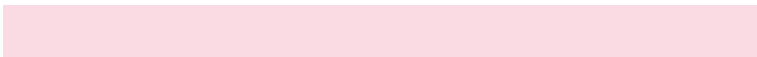
The Inverse Universe completely reimagines the original color for something new.



80.6766, 76.9401, 95.3970



82.7205, 77.4497, 98.2890



78.3729, 76.0186, 83.2657



17.8210, 17.4557, 20.9129



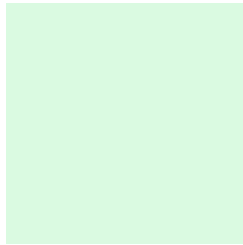
26.2119, 12.9005, 28.8878



2.4665, 1.2103, 2.8798

Previews

White Background



This preview shows how the XYZ color 76.6897, 88.7129, 84.3155 looks on a white background.

Color Contrast Check

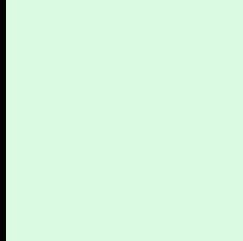
Large Text (above 18pt) WCAG AA × Fail

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 76.6897, 88.7129, 84.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

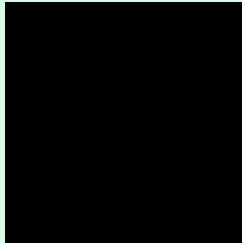
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

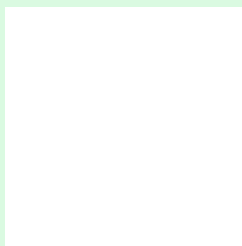
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6897, 88.7129, 84.3155

Background



This preview shows how black text looks on a background with the XYZ color 76.6897, 88.7129, 84.3155.



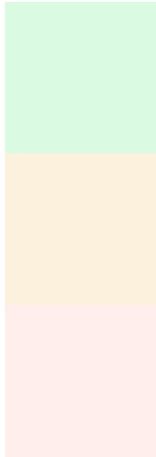
This preview shows how white text looks on a background with the XYZ color 76.6897, 88.7129,

84.3155.

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

76.6897, 88.7129, 84.3155

Protanopia

84.1572, 88.5871, 80.3736

Deuteranopia

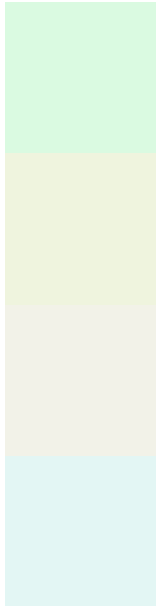
86.9549, 88.4652, 91.8494



Tritanopia

83.3793, 88.4770, 107.2909

Trichromacy



Original Color

76.6897, 88.7129, 84.3155

Protanomaly

81.1321, 88.3260, 81.8797

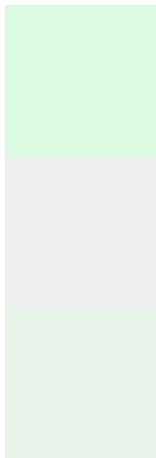
Deuteranomaly

82.9356, 88.2077, 88.9985

Tritanomaly

80.9635, 88.7741, 98.4558

Monochromacy



Original Color

76.6897, 88.7129, 84.3155

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

79.4151, 86.3764, 89.5775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6897, 88.7129, 84.3155 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, 250, 225) looks like.

```
.text, #text, p{  
    color:rgb(218, 250, 225)  
}
```

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, 250, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 250, 225) }
```

Border

The CSS property to change the border of an element to XYZ 76.6897, 88.7129, 84.3155 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, 250, 225) }
```


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

```
.border{ border-color:rgb(218, 250, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 250, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 250, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 250, 225);  
box-shadow:4px 4px 4px 4px rgb(218, 250,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6897, 88.7129, 84.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 250, 225) }
```

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

```
.background{ background-color: rgb(218,  
250, 225) }
```

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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