

Converting Colors

XYZ(70.4854, 82.5507, 78.9588)

Have a look what the booklet for
XYZ(70.4854, 82.5507, 78.9588)
contains.

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Color

**XYZ(70.5689, 82.4811,
79.2189)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF3DB
RGB	207, 243, 219
RGB Percent	81%, 95%, 86%
CMY	0.1882, 0.0470, 0.1412
CMYK	0.15, 0.00, 0.10, 0.05
HSL	140°, 60%, 88%
HSV	140°, 15%, 95%
XYZ	70.5689, 82.4811, 79.2189
YIQ	229.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

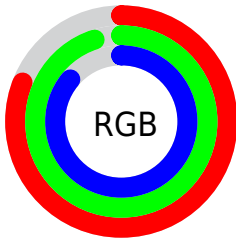
Format	Color
R _Y B	207, 234, 243
Decimal	13628379
CIE Lab	92.79, -16.16, 7.68
CIE LCh	93, 17.889, 154.568
Yxy	82.4811, 0.3038, 0.3551
Android (android.graphics.Color)	4291818459 (0xFFCFF3DB)
YUV	229.5000, -5.1765, -19.7325
Hunter-Lab	90.8191, -20.2341, 11.8564

Details

The XYZ color **70.5689, 82.4811, 79.2189** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7017, 69.4518, 85.1261**, and the grayscale version is **74.8906, 78.7908, 85.8032**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4201, 44.8964, 41.8156** is the 20% darker color. If you saturate the color by 10%, you get **62.2654, 78.4374, 68.2337**, and if you desaturate by 10%, it is **80.1295, 87.1535, 91.3500**.

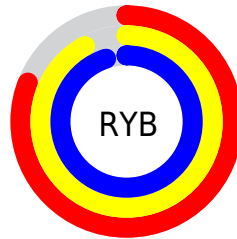
Distribution



Red (81%)

Green (95%)

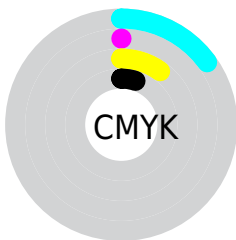
Blue (86%)



Red (81%)

Yellow (92%)

Blue (95%)

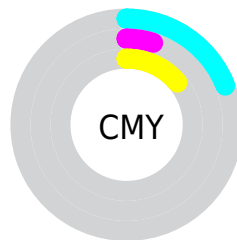


Cyan (15%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (19%)


Magenta (5%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.5689, 82.4811, 79.2189 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 70.5689, 82.4811, 79.2189 by changing the saturation by 10% instead.


 70.5689, 82.4811,
79.2189

 70.5689, 82.4811,
79.2189


451.7803,
503.2555, 511.9337

 52.2717, 61.7622,
58.5534


119.0415,
136.8485, 134.0684

 37.4469, 44.8406,
41.8361


149.9477,
171.2657, 169.0896

 25.7289, 31.3319,
28.6484


185.7876,
211.0178, 209.7330

 16.7526, 20.8517,
18.5717

226.9266,
256.4892, 256.4173

 10.1524, 13.0156,
11.1875

273.7300,
308.0643, 309.5610

 5.5632, 7.4393,
6.0774

326.5632,

 2.6195, 3.7383,

366.1274, 369.5826

2.8226

385.7915,
431.0630, 436.9007

■ 0.9559, 1.5283,
1.0048

■ 0.0000, 0.3085,
0.0000

■ 70.5689, 82.4811,
79.2189

■ 70.5689, 82.4811,
79.2189

■ 62.2654, 78.4374,
68.2337

■ 80.1295, 87.1535,
91.3500

■ 55.1585, 74.9849,
58.3558

■ 90.7685, 92.3549,
104.6432

■ 49.1931, 72.0983,
49.5519

■ 91.3422, 92.5844,
107.6641

■ 44.3069, 69.7462,
41.7854

■ 40.4312, 67.8940,
35.0174

■ 37.4891, 66.5029,
29.2065

■ 35.3920, 65.5280,
24.3083

■ 34.0321, 64.9148,
20.2743

■ 33.5372, 64.6984,
18.5041

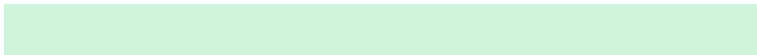
Harmonies

Analogous

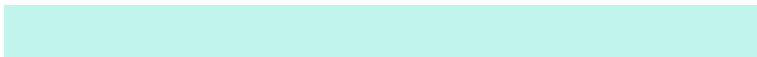
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4144, 82.4811, 70.2668



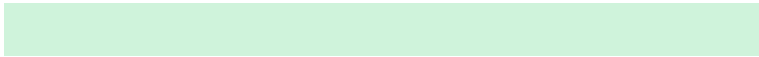
70.5689, 82.4811, 79.2189



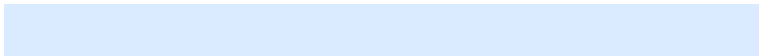
69.7878, 82.4811, 91.8701

Triad

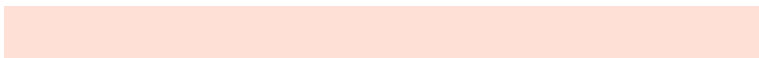
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5689, 82.4811, 79.2189



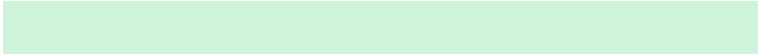
79.1126, 82.4811, 117.9346



86.0186, 82.4811, 76.0030

Complementary

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



70.5689, 82.4811, 79.2189



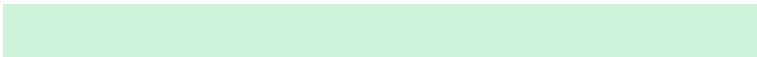
73.7017, 69.4518, 85.1261

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.



87.6840, 82.4811, 87.7768



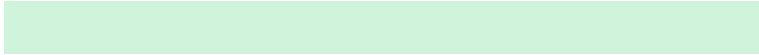
70.5689, 82.4811, 79.2189



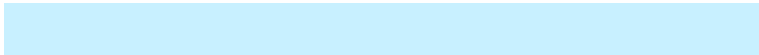
83.5976, 82.4811, 112.6726

Square

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



70.5689, 82.4811, 79.2189



74.6056, 82.4811, 115.0701



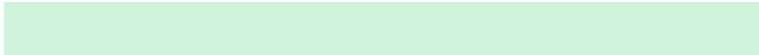
86.7811, 82.4811, 101.3008



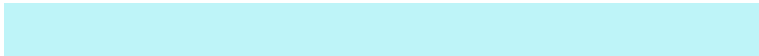
82.3123, 82.4811, 68.5433

Rectangle

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



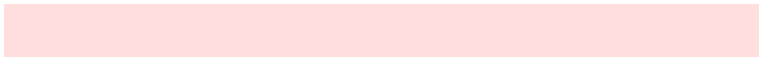
70.5689, 82.4811, 79.2189



70.5156, 82.4811, 100.9210



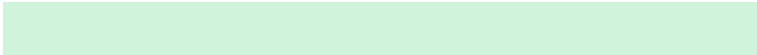
86.7811, 82.4811, 101.3008



86.8422, 82.4811, 79.5421

Sweetspot

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



70.5712, 82.4846, 79.2207



90.3207, 97.6862, 103.0644



76.4652, 85.6991, 71.5439



19.1476, 20.8185, 21.8302



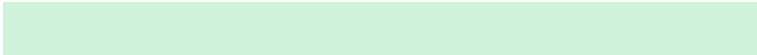
0.0000, 0.0000, 0.0000



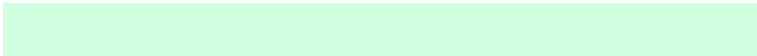
20.3446, 21.4041, 23.3091

Same Dimension

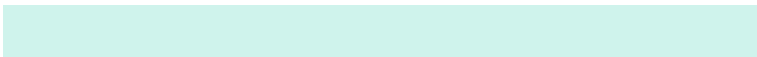
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5712, 82.4846, 79.2207



75.5915, 90.4934, 84.2878



72.9840, 83.4497, 91.9262



16.5100, 18.5631, 18.7041



18.4613, 35.5293, 10.4487



1.6683, 3.1410, 1.1593

Inverse Universe

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



73.7017, 69.4518, 85.1261



79.7488, 73.1835, 92.1282



71.3640, 68.5168, 72.8161



16.9651, 16.6689, 19.5628



23.9309, 11.9158, 20.1423



2.1508, 1.0663, 2.0207

Previews

White Background



This preview shows how the XYZ color 70.5689, 82.4811, 79.2189 looks on a white background.

Color Contrast Check

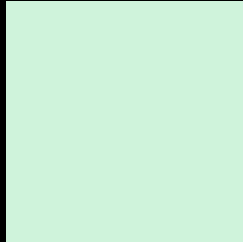
Large Text (above 18pt) WCAG AA × Fail

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 70.5689, 82.4811, 79.2189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

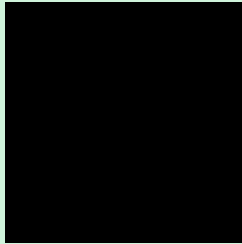
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

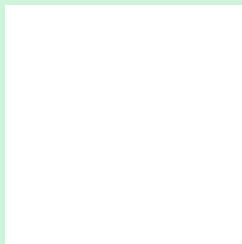
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5689, 82.4811, 79.2189

Background



This preview shows how black text looks on a background with the XYZ color 70.5689, 82.4811, 79.2189.



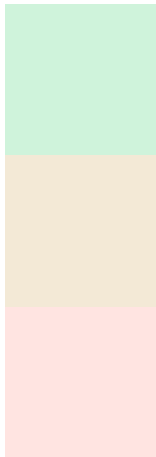
This preview shows how white text looks on a background with the XYZ color 70.5689, 82.4811,

79.2189.

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

70.5689, 82.4811, 79.2189

Protanopia

78.2387, 82.1876, 75.3585

Deuteranopia

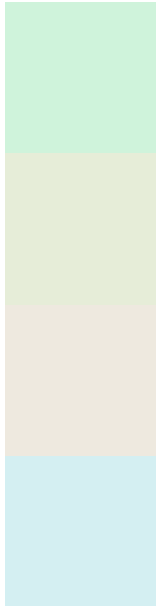
82.5740, 82.1830, 82.7450



Tritanopia

76.3585, 82.2354, 106.4562

Trichromacy



Original Color

70.5689, 82.4811, 79.2189

Protanomaly

75.3120, 82.3492, 76.8914

Deuteranomaly

77.7181, 81.7827, 81.5015

Tritanomaly

74.0449, 82.1409, 95.9566

Monochromacy



Original Color

70.5689, 82.4811, 79.2189

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.5600, 80.4372, 83.6004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5689, 82.4811, 79.2189 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(207, 243, 219)` looks like.

```
.text, #text, p{  
    color:rgb(207, 243, 219)  
}
```

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(207, 243, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 243, 219) }
```

Border

The CSS property to change the border of an element to XYZ 70.5689, 82.4811, 79.2189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

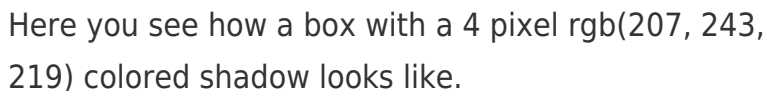
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 243, 219) }
```


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

```
.border{ border-color:rgb(207, 243, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 243, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 243, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 243, 219);  
box-shadow:4px 4px 4px 4px rgb(207, 243,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5689, 82.4811, 79.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 243, 219) }
```

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

```
.background{ background-color: rgb(207,  
243, 219) }
```

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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