

Converting Colors

XYZ(69.8814, 79.3798, 84.3117)

Have a look what the booklet for
XYZ(69.8814, 79.3798, 84.3117)
contains.

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Color

**XYZ(69.8814, 79.3798,
84.3117)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEDED
RGB	207, 237, 227
RGB Percent	81%, 93%, 89%
CMY	0.1882, 0.0706, 0.1098
CMYK	0.13, 0.00, 0.04, 0.07
HSL	160°, 45%, 87%
HSV	160°, 13%, 93%
XYZ	69.8814, 79.3798, 84.3117
YIQ	226.8900, -14.6700, -9.4700

Conversions

Conversions Part 2

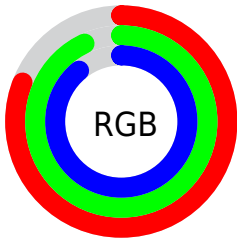
Format	Color
R_{YB}	207, 225, 237
Decimal	13626851
CIE _{Lab}	91.41, -11.68, 1.53
CIE _{LCh}	91, 11.777, 172.554
Yxy	79.3798, 0.2992, 0.3399
Android (android.graphics.Color)	4291816931 (0xFFCFE3E3)
YUV	226.8900, 0.0542, -17.4435
Hunter-Lab	89.0953, -15.9114, 6.2601

Details

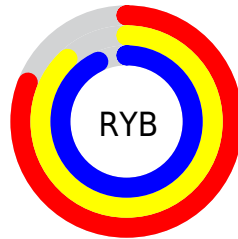
The XYZ color **69.8814, 79.3798, 84.3117** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.7651, 67.6419, 75.0284**, and the grayscale version is **72.9428, 76.7415, 83.5715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9192, 42.7017, 45.3261** is the 20% darker color. If you saturate the color by 10%, you get **62.6852, 75.7953, 78.4127**, and if you desaturate by 10%, it is **78.1261, 83.5034, 90.5244**.

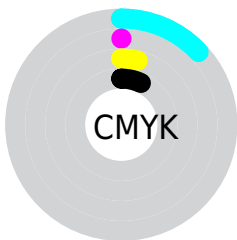
Distribution



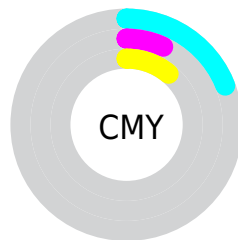
- Red (81%)
- Green (93%)
- Blue (89%)



- Red (81%)
- Yellow (88%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8814, 79.3798, 84.3117 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 69.8814, 79.3798, 84.3117 by changing the saturation by 10% instead.

69.8814, 79.3798,
84.3117

69.8814, 79.3798,
84.3117

449.4064,
492.8403, 529.4328

51.7091, 59.2081,
62.7259

118.0668,
132.4934, 141.2767

36.9966, 42.7807,
45.1800

148.8106,
166.2041, 177.4931

25.3785, 29.7131,
31.2552

184.4756,
205.1967, 219.4234

16.4895, 19.6209,
20.5332

225.4272,
249.8554, 267.4861

9.9642, 12.1198,
12.5953

272.0307,
300.5647, 322.0999

5.4373, 6.8253,
7.0230

324.6515,

2.5435, 3.3531,

357.7091, 383.6833

3.3978

383.6550,
421.6728, 452.6547

■ 0.9172, 1.3187,
1.3012

■ 0.0000, 0.1556,
0.0628

■ 69.8814, 79.3798,
84.3117

■ 69.8814, 79.3798,
84.3117

■ 62.6852, 75.7953,
78.4127

■ 78.1261, 83.5034,
90.5244

■ 56.4858, 72.7169,
72.8166


■ 87.4546, 88.1776,
97.0509


■ 51.2376, 70.1231,
67.5194


■ 88.8922, 88.7780,
103.4761


■ 46.8881, 67.9872,
62.5149


■ 89.5757, 89.0513,
107.0752

 43.3800, 66.2794,
57.7969

 40.6488, 64.9669,
53.3585

 38.6204, 64.0113,
49.1925

 37.2055, 63.3668,
45.2906

 36.4559, 63.0394,
42.5873

Harmonies

Analogous

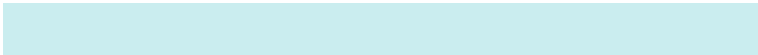
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9683, 79.3798, 76.7873



69.8814, 79.3798, 84.3117



70.2544, 79.3798, 92.9118

Triad

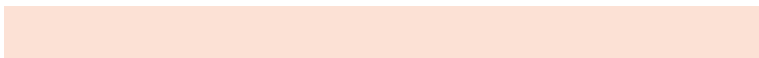
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8814, 79.3798, 84.3117



77.6783, 79.3798, 102.5726



79.0035, 79.3798, 73.9886

Complementary

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



69.8814, 79.3798, 84.3117



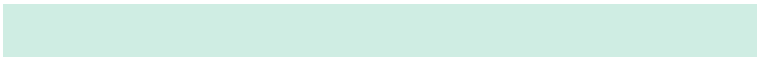
69.7651, 67.6419, 75.0284

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.



80.8917, 79.3798, 80.2590



69.8814, 79.3798, 84.3117



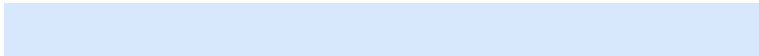
80.1126, 79.3798, 96.8503

Square

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



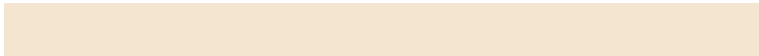
69.8814, 79.3798, 84.3117



74.7044, 79.3798, 103.8356



81.3029, 79.3798, 88.5857



76.1967, 79.3798, 71.0889

Rectangle

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



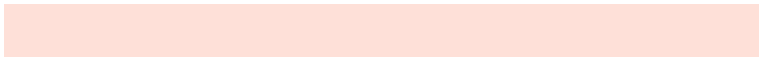
69.8814, 79.3798, 84.3117



71.2855, 79.3798, 98.0702



81.3029, 79.3798, 88.5857



79.7697, 79.3798, 75.7514

Sweetspot

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



69.8836, 79.3831, 84.3135



90.8537, 97.8994, 105.8708



70.3134, 79.9053, 70.7500



19.2824, 20.8725, 22.5402



0.0000, 0.0000, 0.0000



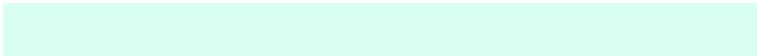
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8836, 79.3831, 84.3135



80.3652, 92.6591, 97.8483



70.0183, 77.3781, 91.3698



15.2918, 17.0315, 18.2193



19.9660, 34.4409, 23.5838



1.6121, 2.7222, 2.0853

Inverse Universe

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



69.7651, 67.6419, 75.0284



80.2017, 76.4422, 85.0252



69.6087, 69.3490, 68.7495



15.2726, 15.1369, 16.7209



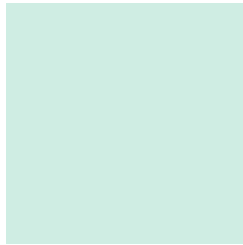
19.8931, 10.1599, 5.2382



1.6053, 0.8151, 0.6388

Previews

White Background



This preview shows how the XYZ color 69.8814, 79.3798, 84.3117 looks on a white background.

Color Contrast Check

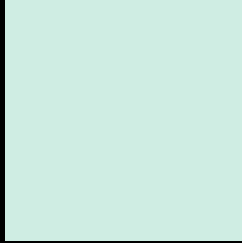
Large Text (above 18pt) WCAG AA × Fail

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 69.8814, 79.3798, 84.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

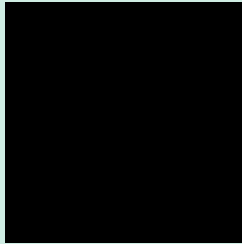
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

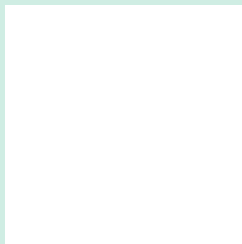
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8814, 79.3798, 84.3117

Background



This preview shows how black text looks on a background with the XYZ color 69.8814, 79.3798, 84.3117.

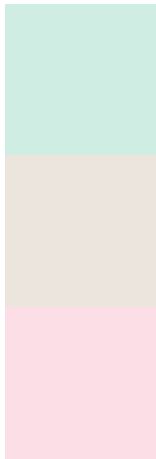


This preview shows how white text looks on a background with the XYZ color 69.8814, 79.3798,

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

69.8814, 79.3798, 84.3117

Protanopia

75.7962, 79.1454, 80.3889

Deuteranopia

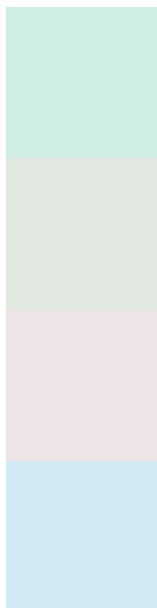
80.8155, 79.1840, 85.8875



Tritanopia

73.5736, 79.1550, 103.4962

Trichromacy



Original Color

69.8814, 79.3798, 84.3117

Protanomaly

73.3625, 79.1026, 81.9227

Deuteranomaly

76.4783, 78.9768, 85.3420

Tritanomaly

72.1788, 79.0183, 96.2419

Monochromacy



Original Color

69.8814, 79.3798, 84.3117

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.9562, 77.9135, 83.9194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8814, 79.3798, 84.3117 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, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 237, 227)  
}
```

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, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 237, 227) }
```

Border

The CSS property to change the border of an element to XYZ 69.8814, 79.3798, 84.3117 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, 237, 227) }
```


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

```
.border{ border-color:rgb(207, 237, 227) }
```

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

Here you see how a box with a 4 pixel rgb(207, 237, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 237,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8814, 79.3798, 84.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 237, 227) }
```

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

```
.background{ background-color: rgb(207,  
237, 227) }
```

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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