

Converting Colors

XYZ(71.0376, 78.4833, 88.6315)

Have a look what the booklet for
XYZ(71.0376, 78.4833, 88.6315)
contains.

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Color

**XYZ(70.9948, 78.5777,
88.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EAE9
RGB	211, 234, 233
RGB Percent	83%, 92%, 91%
CMY	0.1725, 0.0823, 0.0863
CMYK	0.10, 0.00, 0.00, 0.08
HSL	177°, 35%, 87%
HSV	177°, 10%, 92%
XYZ	70.9948, 78.5777, 88.5160
YIQ	227.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

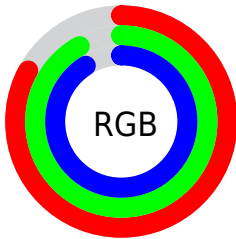
Format	Color
R _Y B	211, 223, 234
Decimal	13888233
CIE Lab	91.04, -7.73, -2.10
CIE LCh	91, 8.010, 195.221
Yxy	78.5777, 0.2982, 0.3300
Android (android.graphics.Color)	4292078313 (0xFFD3EAE9)
YUV	227.0090, 2.9536, -14.0399
Hunter-Lab	88.6441, -12.1669, 2.8465

Details

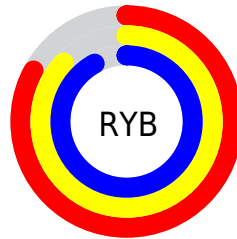
The XYZ color **70.9948, 78.5777, 88.5160** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1125, 68.8366, 71.9352**, and the grayscale version is **73.0083, 76.8104, 83.6465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5665, 42.0830, 47.7378** is the 20% darker color. If you saturate the color by 10%, you get **64.6281, 75.3145, 87.4606**, and if you desaturate by 10%, it is **78.3428, 82.3510, 89.6250**.

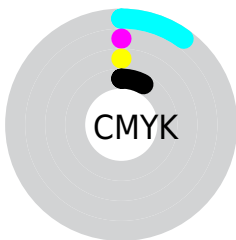
Distribution



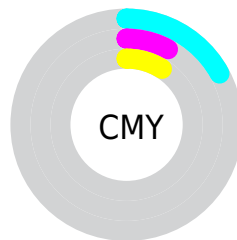
- Red (83%)
- Green (92%)
- Blue (91%)



- Red (83%)
- Yellow (87%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9948, 78.5777, 88.5160 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 70.9948, 78.5777, 88.5160 by changing the saturation by 10% instead.

70.9948, 78.5777,
88.5160

70.9948, 78.5777,
88.5160

453.2474,
490.1266, 543.6366

52.6205, 58.5487,
66.1837

119.6449,
131.3642, 147.1928

37.7261, 42.2499,
47.9641

150.6513,
164.8904, 184.3744

25.9465, 29.2970,
33.4387

186.5992,
203.6845, 227.3428

16.9161, 19.3056,
22.1889

227.8539,
248.1308, 276.5166

10.2696, 11.8913,
13.7961

274.7807,
298.6138, 332.3144

5.6417, 6.6697,
7.8419

327.7449,

2.6670, 3.2564,

355.5178, 395.1546

3.9076

387.1121,
419.2273, 465.4558

■ 0.9802, 1.2670,
1.5748

■ 0.0000, 0.1155,
0.2727

■ 70.9948, 78.5777,
88.5160

■ 70.9948, 78.5777,
88.5160

■ 64.6281, 75.3145,
87.4606

■ 78.3428, 82.3510,
89.6250

■ 59.1938, 72.5297,
86.4516


■ 85.6659, 86.1092,
90.7356


■ 54.6493, 70.2035,
85.4886

■ 85.8139, 86.1684,
91.5148


■ 50.9458, 68.3108,
84.5694


■ 85.9627, 86.2279,
92.2985


 48.0297, 66.8239,
83.6914


 86.1124, 86.2878,
93.0867


 45.8417, 65.7123,
82.8519


 86.2629, 86.3480,
93.8793


 44.3135, 64.9407,
82.0475

 86.4143, 86.4085,
94.6765

 43.3644, 64.4675,
81.2747

 86.5665, 86.4694,
95.4781

 42.8587, 64.2229,
80.5269

 86.7196, 86.5306,
96.2842

Harmonies

Analogous

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



70.9873, 78.5777, 82.7472



70.9948, 78.5777, 88.5160



71.9791, 78.5777, 93.7117

Triad

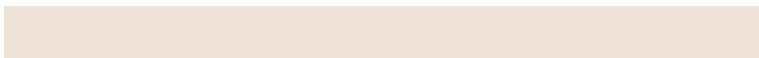
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9948, 78.5777, 88.5160



77.4811, 78.5777, 93.6472



75.6825, 78.5777, 75.2316

Complementary

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



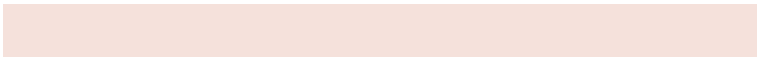
70.9948, 78.5777, 88.5160



69.1125, 68.8366, 71.9352

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.



77.4594, 78.5777, 77.8911



70.9948, 78.5777, 88.5160



78.5105, 78.5777, 88.4312

Square

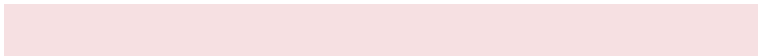
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9948, 78.5777, 88.5160



75.7117, 78.5777, 96.7639



78.5025, 78.5777, 82.6662



73.6691, 78.5777, 75.2520

Rectangle

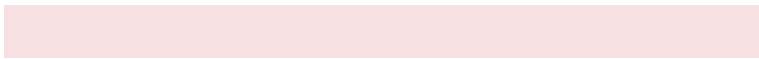
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



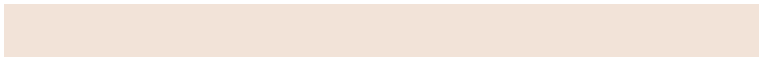
70.9948, 78.5777, 88.5160



73.0672, 78.5777, 96.0763



78.5025, 78.5777, 82.6662



76.3280, 78.5777, 75.8364

Sweetspot

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



70.9970, 78.5810, 88.5177



92.2376, 98.5564, 108.4882



68.3777, 77.5715, 72.9983



19.5858, 21.0146, 23.1976



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.



70.9970, 78.5810, 88.5177



84.4604, 94.5656, 107.2865



68.2793, 72.9154, 88.3211



15.4876, 17.1099, 19.2507



24.0916, 36.0911, 45.3091



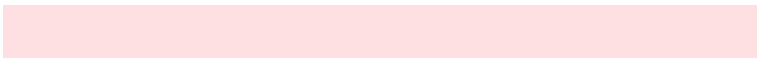
1.9006, 2.8375, 3.6043

Inverse Universe

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



69.1125, 68.8366, 71.9352



81.6944, 80.2630, 82.9474



71.6414, 74.0963, 72.1555



15.0921, 15.0647, 15.7703



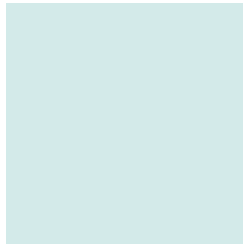
19.1111, 9.8471, 1.1202



1.5101, 0.7770, 0.1375

Previews

White Background



This preview shows how the XYZ color 70.9948, 78.5777, 88.5160 looks on a white background.

Color Contrast Check

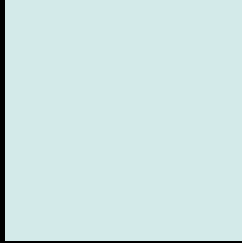
Large Text (above 18pt) WCAG AA × Fail

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 70.9948, 78.5777, 88.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

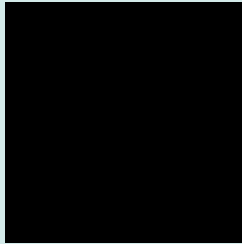
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

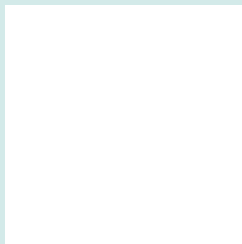
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9948, 78.5777, 88.5160

Background



This preview shows how black text looks on a background with the XYZ color 70.9948, 78.5777, 88.5160.



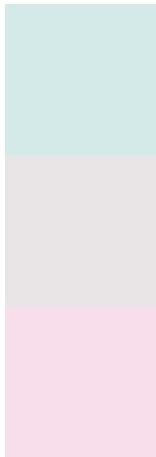
This preview shows how white text looks on a background with the XYZ color 70.9948, 78.5777,

88.5160.

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

70.9948, 78.5777, 88.5160

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

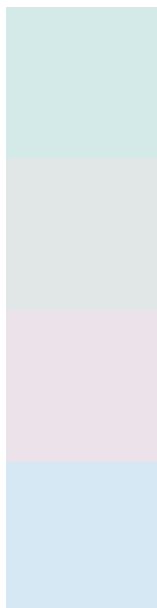
79.8281, 78.1972, 89.4834



Tritanopia

73.5628, 78.3501, 101.6884

Trichromacy



Original Color

70.9948, 78.5777, 88.5160

Protanomaly

73.6311, 78.3144, 86.0983

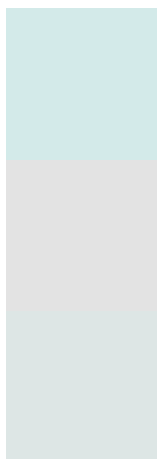
Deuteranomaly

76.3086, 77.9954, 88.8746

Tritanomaly

72.6263, 78.3910, 96.8911

Monochromacy



Original Color

70.9948, 78.5777, 88.5160

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.2585, 77.6229, 85.3030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9948, 78.5777, 88.5160 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, 234, 233) looks like.

```
.text, #text, p{  
    color:rgb(211, 234, 233)  
}
```

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, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 234, 233) }
```

Border

The CSS property to change the border of an element to XYZ 70.9948, 78.5777, 88.5160 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, 234, 233) }
```


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

```
.border{ border-color:rgb(211, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(211, 234,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9948, 78.5777, 88.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 234, 233) }
```

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

```
.background{ background-color: rgb(211,  
234, 233) }
```

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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