

Converting Colors

XYZ(69.9172, 78.0040, 82.0153)

Have a look what the booklet for
XYZ(69.9172, 78.0040, 82.0153)
contains.

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Color

**XYZ(70.0287, 78.2245,
81.9289)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EAE0
RGB	212, 234, 224
RGB Percent	83%, 92%, 88%
CMY	0.1686, 0.0823, 0.1216
CMYK	0.09, 0.00, 0.04, 0.08
HSL	153°, 34%, 87%
HSV	153°, 9%, 92%
XYZ	70.0287, 78.2245, 81.9289
YIQ	226.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

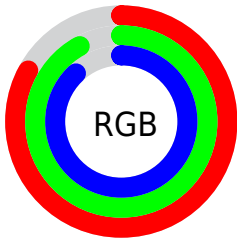
Format	Color
R _Y B	212, 226, 234
Decimal	13953760
CIE Lab	90.88, -9.10, 2.37
CIE LCh	91, 9.408, 165.408
Yxy	78.2245, 0.3042, 0.3398
Android (android.graphics.Color)	4292143840 (0xFFD4EAE0)
YUV	226.2820, -1.1250, -12.5253
Hunter-Lab	88.4446, -13.4453, 6.9891

Details

The XYZ color **70.0287, 78.2245, 81.9289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.6628, 69.8553, 78.8699**, and the grayscale version is **72.5076, 76.2836, 83.0729**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9865, 41.8735, 43.6691** is the 20% darker color. If you saturate the color by 10%, you get **62.3681, 74.4390, 74.2736**, and if you desaturate by 10%, it is **78.7616, 82.5567, 90.1089**.

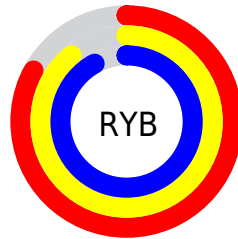
Distribution



Red (83%)

Green (92%)

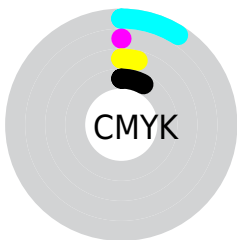
Blue (88%)



Red (83%)

Yellow (89%)

Blue (92%)

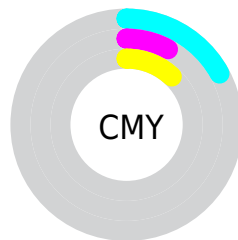


Cyan (9%)

Magenta (0%)

Yellow (4%)

Black (8%)



Cyan (17%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0287, 78.2245, 81.9289 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 70.0287, 78.2245, 81.9289 by changing the saturation by 10% instead.

70.0287, 78.2245,
81.9289

70.0287, 78.2245,
81.9289

449.9156,
488.9289, 521.2870

51.8296, 58.2584,
60.7715

118.2757,
130.8665, 137.9101

37.0930, 42.0164,
43.6114

149.0544,
164.3113, 173.5709

25.4535, 29.1142,
30.0302

184.7569,
203.0177, 214.9033

16.5458, 19.1672,
19.6092

225.7487,
247.3702, 262.3257

10.0045, 11.7912,
11.9301

272.3952,
297.7532, 316.2567

5.4642, 6.6016,
6.5741

325.0615,

2.5597, 3.2142,

354.5511, 377.1150

3.1228

384.1132,
418.1482, 445.3189

■ 0.9254, 1.2446,
1.1577

■ 0.0000, 0.0977,
0.0000

■ 70.0287, 78.2245,
81.9289

■ 70.0287, 78.2245,
81.9289

■ 62.3681, 74.4390,
74.2736

■ 78.7616, 82.5567,
90.1089

■ 55.7298, 71.1681,
67.1274

■ 87.1884, 86.7183,
98.7526

■ 50.0693, 68.3913,
60.4809

■ 88.7143, 87.3286,
106.7881

■ 45.3363, 66.0828,
54.3227

■ 41.4759, 64.2144,
48.6410

■ 38.4270, 62.7550,
43.4232

■ 36.1199, 61.6688,
38.6561

■ 34.4726, 60.9137,
34.3255

■ 33.3548, 60.4228,
30.4145

Harmonies

Analogous

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



71.1534, 78.2245, 76.3395



70.0287, 78.2245, 81.9289



70.0448, 78.2245, 88.6862

Triad

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



70.0287, 78.2245, 81.9289



75.5668, 78.2245, 98.3780



77.5938, 78.2245, 76.2174

Complementary

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



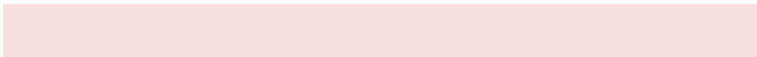
70.0287, 78.2245, 81.9289



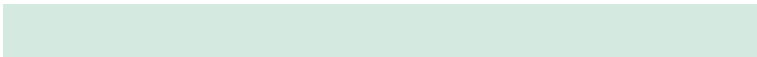
70.6628, 69.8553, 78.8699

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.



78.8281, 78.2245, 81.7541



70.0287, 78.2245, 81.9289



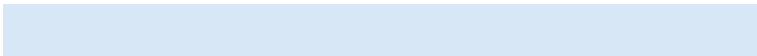
77.6410, 78.2245, 94.6633

Square

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



70.0287, 78.2245, 81.9289



73.2084, 78.2245, 98.4309



78.8456, 78.2245, 88.5020



75.5035, 78.2245, 73.1628

Rectangle

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



70.0287, 78.2245, 81.9289



70.6991, 78.2245, 92.9569



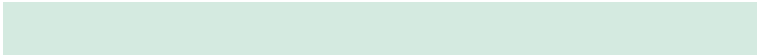
78.8456, 78.2245, 88.5020



78.1245, 78.2245, 77.8366

Sweetspot

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



70.0309, 78.2278, 81.9306



91.7363, 98.3559, 105.8484



71.5151, 79.1744, 73.8013



19.4502, 20.9604, 22.4835



0.0000, 0.0000, 0.0000



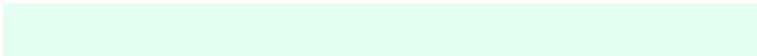
20.3446, 21.4041, 23.3091

Same Dimension

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



70.0309, 78.2278, 81.9306



83.4870, 94.2685, 97.9949



71.2198, 78.3699, 89.2191



15.2120, 16.9996, 17.7991



18.7737, 33.9639, 17.3052



1.5226, 2.6864, 1.6140

Inverse Universe

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



70.6628, 69.8553, 78.8699



84.3794, 82.4444, 93.6726



69.5449, 69.7021, 72.0768



15.3502, 15.1679, 17.1296



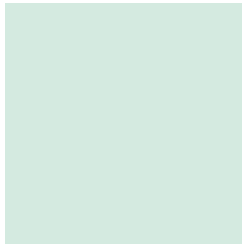
20.6027, 10.4438, 8.9749



1.6658, 0.8393, 0.9573

Previews

White Background



This preview shows how the XYZ color 70.0287, 78.2245, 81.9289 looks on a white background.

Color Contrast Check

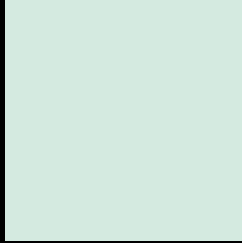
Large Text (above 18pt) WCAG AA × Fail

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 70.0287, 78.2245, 81.9289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

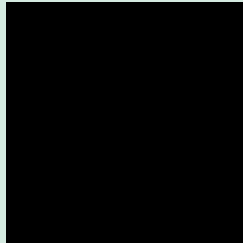
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

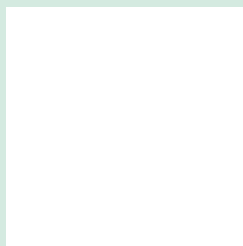
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0287, 78.2245, 81.9289

Background



This preview shows how black text looks on a background with the XYZ color 70.0287, 78.2245, 81.9289.



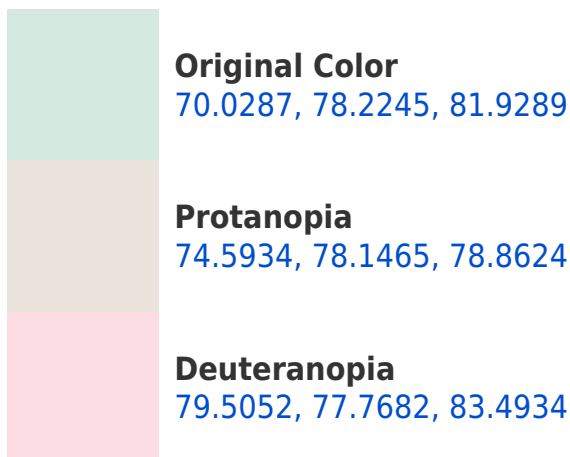
This preview shows how white text looks on a background with the XYZ color 70.0287, 78.2245,

81.9289.

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





Tritanopia

73.7146, 78.0321, 100.7991

Trichromacy



Original Color

70.0287, 78.2245, 81.9289

Protanomaly

72.7120, 77.9828, 79.6265

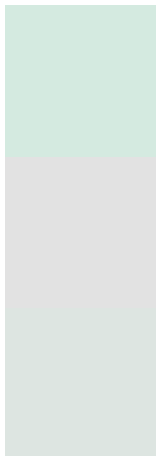
Deuteranomaly

75.8489, 77.8882, 82.9878

Tritanomaly

72.3284, 77.8902, 93.6603

Monochromacy



Original Color

70.0287, 78.2245, 81.9289

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.4287, 76.8470, 82.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0287, 78.2245, 81.9289 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(212, 234, 224)` looks like.

```
.text, #text, p{  
    color:rgb(212, 234, 224)  
}
```

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(212, 234, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 234, 224) }
```

Border

The CSS property to change the border of an element to XYZ 70.0287, 78.2245, 81.9289 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(212, 234, 224) }
```


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

```
.border{ border-color:rgb(212, 234, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 234, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 234, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 234, 224);  
box-shadow:4px 4px 4px 4px rgb(212, 234,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0287, 78.2245, 81.9289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 234, 224) }
```

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

```
.background{ background-color: rgb(212,  
234, 224) }
```

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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