

Converting Colors

XYZ(67.8496, 67.8779, 80.2450)

Have a look what the booklet for
XYZ(67.8496, 67.8779, 80.2450)
contains.

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Color

**XYZ(67.8001, 67.9779,
80.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D3E0
RGB	225, 211, 224
RGB Percent	88%, 83%, 88%
CMY	0.1176, 0.1725, 0.1216
CMYK	0.00, 0.06, 0.00, 0.12
HSL	304°, 19%, 85%
HSV	304°, 6%, 88%
XYZ	67.8001, 67.9779, 80.0686
YIQ	216.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

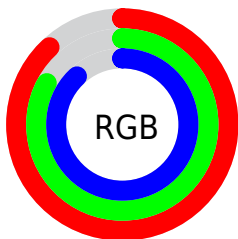
Format	Color
R _Y B	225, 211, 224
Decimal	14799840
CIE Lab	86.00, 7.12, -4.67
CIE LCh	86, 8.512, 326.741
Yxy	67.9779, 0.3141, 0.3149
Android (android.graphics.Color)	4292989920 (0xFFE1D3E0)
YUV	216.6680, 3.6147, 7.3072
Hunter-Lab	82.4487, 2.5008, 0.1357

Details

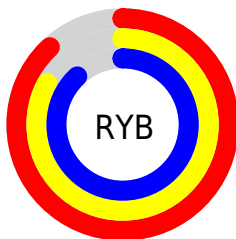
The XYZ color **67.8001, 67.9779, 80.0686** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6754, 72.4545, 72.8144**, and the grayscale version is **65.7018, 69.1234, 75.2754**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6275, 35.1876, 42.4502** is the 20% darker color. If you saturate the color by 10%, you get **62.3808, 57.4855, 77.1925**, and if you desaturate by 10%, it is **74.0078, 80.0417, 83.2193**.

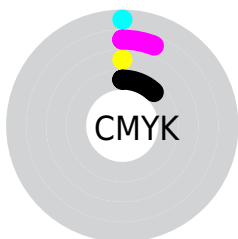
Distribution



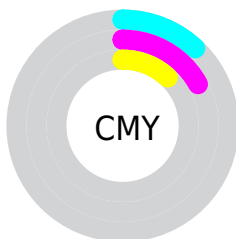
- Red (88%)
- Green (83%)
- Blue (88%)



- Red (88%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8001, 67.9779, 80.0686 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 67.8001, 67.9779, 80.0686 by changing the saturation by 10% instead.

67.8001, 67.9779,
80.0686

67.8001, 67.9779,
80.0686

442.1753,
453.4177, 514.8769

50.0082, 49.8798,
59.2483

115.1096,
116.3205, 135.2744

35.6377, 35.3179,
42.3917

145.3579,
147.3338, 170.4971

24.3234, 23.9078,
29.0803

180.4891,
183.4209, 211.3576

15.6997, 15.2653,
18.8955

220.8685,
224.9662, 258.2745

9.4014, 9.0058,
11.4187

266.8615,
272.3542, 311.6663

5.0631, 4.7449,
6.2315

318.8333,

2.3195, 2.0984,

325.9692, 371.9516

2.9153

377.1495,
386.1955, 439.5490

■ 0.8046, 0.6637,
1.0515

■ 0.0000, 0.0000,
0.0000

■ 67.8001, 67.9779,
80.0686

■ 67.8001, 67.9779,
80.0686

■ 62.3808, 57.4855,
77.1925

■ 74.0078, 80.0417,
83.2193

■ 57.7116, 48.4911,
74.5757

■ 80.7067, 93.0857,
86.5432

■ 53.7600, 40.9286,
72.2082

■ 80.9299, 93.1750,
87.7187

■ 50.4886, 34.7232,
70.0776

■ 81.1553, 93.2652,
88.9052

47.8569, 29.7939,
68.1702

81.3827, 93.3561,
90.1026

45.8198, 26.0506,
66.4711

81.6121, 93.4479,
91.3111

44.3265, 23.3916,
64.9632

81.8437, 93.5405,
92.5305

43.3176, 21.6983,
63.6268

82.0774, 93.6340,
93.7611

42.7190, 20.8224,
62.4371

82.3132, 93.7283,
95.0027

Harmonies

Analogous

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



66.3143, 67.9779, 84.0355



67.8001, 67.9779, 80.0686



68.4306, 67.9779, 74.6291

Triad

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



67.8001, 67.9779, 80.0686



64.8246, 67.9779, 63.7962



61.3171, 67.9779, 78.9584

Complementary

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



67.8001, 67.9779, 80.0686



65.6754, 72.4545, 72.8144

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.



60.9362, 67.9779, 73.4070



67.8001, 67.9779, 80.0686



62.9370, 67.9779, 64.8270

Square

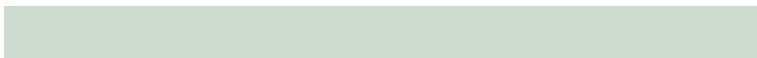
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8001, 67.9779, 80.0686



66.6910, 67.9779, 65.3880



61.5234, 67.9779, 68.2771



62.5746, 67.9779, 83.3722

Rectangle

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



67.8001, 67.9779, 80.0686



68.2717, 67.9779, 70.9636



61.5234, 67.9779, 68.2771



61.0834, 67.9779, 77.1555

Sweetspot

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



67.8021, 67.9808, 80.0701



93.3859, 96.7656, 108.0562



64.0200, 66.0154, 80.6031



20.0059, 20.7457, 23.1373



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.



67.8021, 67.9808, 80.0701



89.4130, 89.0534, 106.0115



66.8808, 67.6123, 75.2190



14.4802, 14.3630, 17.2099



24.5382, 11.8823, 35.8295



1.7137, 0.8288, 2.5511

Inverse Universe

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



67.8021, 67.9808, 80.0701



89.4130, 89.0534, 106.0115



66.5689, 72.8119, 77.5195



14.4802, 14.3630, 17.2099



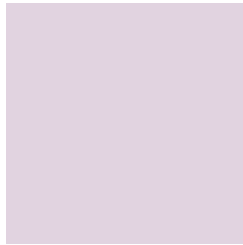
24.5382, 11.8823, 35.8295



1.7137, 0.8288, 2.5511

Previews

White Background



This preview shows how the XYZ color 67.8001, 67.9779, 80.0686 looks on a white background.

Color Contrast Check

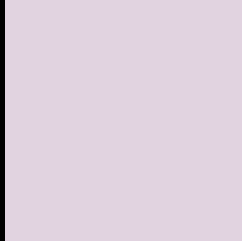
Large Text (above 18pt) WCAG AA × Fail

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 67.8001, 67.9779, 80.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

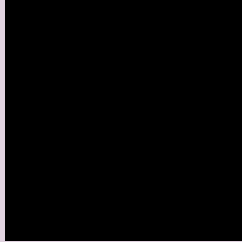
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.8001, 67.9779, 80.0686

Background



This preview shows how black text looks on a background with the XYZ color 67.8001, 67.9779, 80.0686.

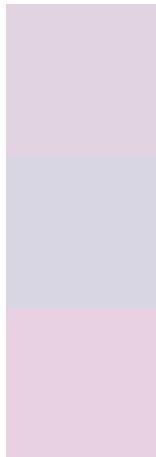


This preview shows how white text looks on a background with the XYZ color 67.8001, 67.9779,

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

67.8001, 67.9779, 80.0686

Protanopia

66.0929, 68.1831, 81.6287

Deuteranopia

69.5337, 68.1386, 80.0082



Tritanopia

68.2107, 68.1421, 82.2307

Trichromacy



Original Color

67.8001, 67.9779, 80.0686

Protanomaly

66.5983, 68.0848, 80.8657

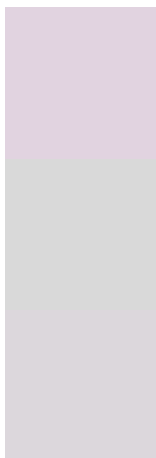
Deuteranomaly

68.8142, 68.1330, 80.0451

Tritanomaly

68.0731, 68.0871, 81.5058

Monochromacy



Original Color

67.8001, 67.9779, 80.0686

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.7339, 68.9838, 77.5081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8001, 67.9779, 80.0686 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(225, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 211, 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(225, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.8001, 67.9779, 80.0686 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(225, 211, 224) }
```


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

```
.border{ border-color:rgb(225, 211, 224) }
```

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

Here you see how a box with a 4 pixel rgb(225, 211, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 211,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8001, 67.9779, 80.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 224) }
```

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

```
.background{ background-color: rgb(225,  
211, 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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