

Converting Colors

XYZ(71.0626, 69.8511, 79.8576)

Have a look what the booklet for
XYZ(71.0626, 69.8511, 79.8576)
contains.

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Color

**XYZ(70.8745, 69.5784,
79.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD3DF
RGB	235, 211, 223
RGB Percent	92%, 83%, 87%
CMY	0.0784, 0.1725, 0.1255
CMYK	0.00, 0.10, 0.05, 0.08
HSL	330°, 37%, 87%
HSV	330°, 10%, 92%
XYZ	70.8745, 69.5784, 79.5065
YIQ	219.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

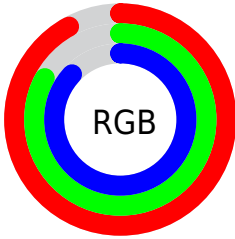
Format	Color
R _Y B	235, 211, 223
Decimal	15455199
CIE Lab	86.79, 10.35, -2.88
CIE LCh	87, 10.739, 344.470
Yxy	69.5784, 0.3222, 0.3163
Android (android.graphics.Color)	4293645279 (0xFFEBD3DF)
YUV	219.5440, 1.7038, 13.5549
Hunter-Lab	83.4137, 5.6931, 1.8768

Details

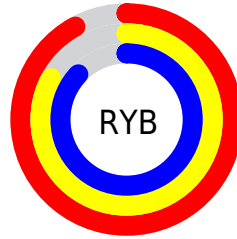
The XYZ color **70.8745, 69.5784, 79.5065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8943, 78.5951, 81.3024**, and the grayscale version is **67.6949, 71.2203, 77.5589**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5468, 36.1878, 42.0518** is the 20% darker color. If you saturate the color by 10%, you get **63.9283, 58.1335, 69.6436**, and if you desaturate by 10%, it is **78.7882, 82.7803, 90.2362**.

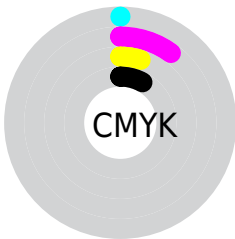
Distribution



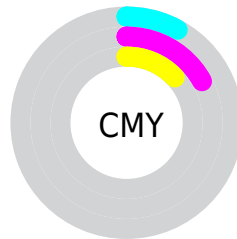
- Red (92%)
- Green (83%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8745, 69.5784, 79.5065 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 70.8745, 69.5784, 79.5065 by changing the saturation by 10% instead.

70.8745, 69.5784,
79.5065

70.8745, 69.5784,
79.5065

452.8333,
459.0683, 512.9310

52.5220, 51.1829,
58.7886

119.4745,
118.6073, 134.4768

37.6472, 36.3542,
42.0240

150.4527,
150.0095, 169.5662

25.8850, 24.7079,
28.7944

186.3701,
186.5161, 210.2833

16.8698, 15.8595,
18.6811

227.5921,
228.5115, 257.0464

10.2365, 9.4248,
11.2656

274.4840,
276.3800, 310.2742

5.6195, 5.0193,
6.1294

327.4113,

2.6536, 2.2586,

330.5060, 370.3852

2.8538

386.7393,
391.2740, 437.7980

■ 0.9733, 0.7517,
1.0205

■ 0.0000, 0.0000,
0.0000

■ 70.8745, 69.5784,
79.5065

■ 70.8745, 69.5784,
79.5065

■ 63.9283, 58.1335,
69.6436

■ 78.7882, 82.7803,
90.2362

■ 57.9044, 48.3618,
60.6190

■ 86.7337, 95.8673,
101.5290

■ 52.7631, 40.1864,
52.4089

■ 88.0714, 96.4024,
108.5734

■ 48.4591, 33.5205,
44.9868

■ 44.9428, 28.2691,
38.3240

■ 42.1595, 24.3264,
32.3897

■ 40.0464, 21.5713,
27.1499

■ 38.5293, 19.8599,
22.5663

■ 37.5006, 18.9581,
18.6611

Harmonies

Analogous

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



69.5585, 69.5784, 86.0181



70.8745, 69.5784, 79.5065



70.8986, 69.5784, 72.3695

Triad

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



70.8745, 69.5784, 79.5065



64.9378, 69.5784, 63.1909



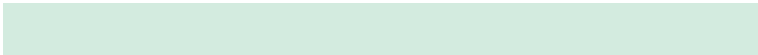
62.7596, 69.5784, 85.8223

Complementary

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



70.8745, 69.5784, 79.5065



69.8943, 78.5951, 81.3024

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.



61.5843, 69.5784, 79.2528



70.8745, 69.5784, 79.5065



62.8203, 69.5784, 66.3499

Square

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



70.8745, 69.5784, 79.5065



67.4281, 69.5784, 63.2493



61.6063, 69.5784, 72.1312



64.8530, 69.5784, 89.8182

Rectangle

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



70.8745, 69.5784, 79.5065



70.1764, 69.5784, 68.2286



61.6063, 69.5784, 72.1312



62.2464, 69.5784, 83.8242

Sweetspot

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



70.8765, 69.5814, 79.5080



92.0480, 94.9718, 104.8909



68.7237, 68.2780, 88.1551



19.5343, 20.0474, 22.2251



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.



70.8765, 69.5814, 79.5080



83.6865, 81.0599, 93.4380



69.3156, 68.9571, 71.2883



15.3795, 15.1797, 17.2839



20.9350, 10.5767, 10.7251



1.6925, 0.8499, 1.0979

Inverse Universe

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



70.8765, 69.5814, 79.5080



83.6865, 81.0599, 93.4380



71.5698, 79.2653, 90.1259



15.3795, 15.1797, 17.2839



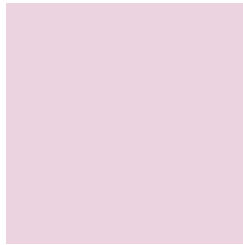
20.9350, 10.5767, 10.7251



1.6925, 0.8499, 1.0979

Previews

White Background



This preview shows how the XYZ color 70.8745, 69.5784, 79.5065 looks on a white background.

Color Contrast Check

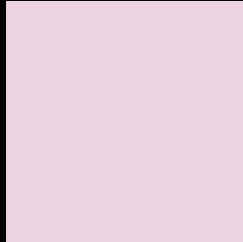
Large Text (above 18pt) WCAG AA × Fail

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 70.8745, 69.5784, 79.5065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

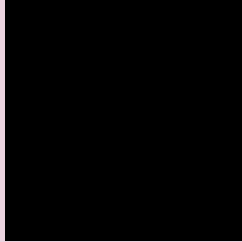
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8745, 69.5784, 79.5065

Background



This preview shows how black text looks on a background with the XYZ color 70.8745, 69.5784, 79.5065.



This preview shows how white text looks on a background with the XYZ color 70.8745, 69.5784,

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

70.8745, 69.5784, 79.5065

Protanopia

67.4968, 69.6628, 81.8403

Deuteranopia

71.2056, 69.7491, 79.5220



Tritanopia

71.5038, 69.4721, 82.3138

Trichromacy



Original Color

70.8745, 69.5784, 79.5065

Protanomaly

68.6885, 69.5369, 81.0359

Deuteranomaly

71.2056, 69.7491, 79.5220

Tritanomaly

71.3661, 69.4170, 81.5889

Monochromacy



Original Color

70.8745, 69.5784, 79.5065

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.9153, 70.8537, 78.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8745, 69.5784, 79.5065 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(235, 211, 223) looks like.

```
.text, #text, p{  
    color:rgb(235, 211, 223)  
}
```

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(235, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 211, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.8745, 69.5784, 79.5065 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(235, 211, 223) }
```


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

```
.border{ border-color:rgb(235, 211, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 211,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8745, 69.5784, 79.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 211, 223) }
```

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

```
.background{ background-color: rgb(235,  
211, 223) }
```

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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