

Converting Colors

XYZ(70.2937, 69.5310, 79.3424)

Have a look what the booklet for
XYZ(70.2937, 69.5310, 79.3424)
contains.

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Color

**XYZ(70.4670, 69.7383,
79.5589)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D4DF
RGB	233, 212, 223
RGB Percent	91%, 83%, 87%
CMY	0.0863, 0.1686, 0.1255
CMYK	0.00, 0.09, 0.04, 0.09
HSL	329°, 32%, 87%
HSV	329°, 9%, 91%
XYZ	70.4670, 69.7383, 79.5589
YIQ	219.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

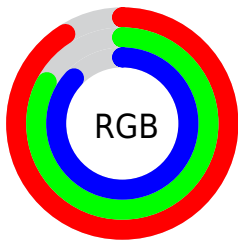
Format	Color
R _Y B	233, 212, 223
Decimal	15324383
CIE Lab	86.87, 9.14, -2.78
CIE LCh	87, 9.551, 343.083
Yxy	69.7383, 0.3206, 0.3173
Android (android.graphics.Color)	4293514463 (0xFFE9D4DF)
YUV	219.5330, 1.7092, 11.8106
Hunter-Lab	83.5095, 4.4804, 1.9714

Details

The XYZ color **70.4670, 69.7383, 79.5589** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4777, 77.5506, 80.4178**, and the grayscale version is **67.6879, 71.2130, 77.5509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2563, 36.2882, 42.0865** is the 20% darker color. If you saturate the color by 10%, you get **63.6105, 58.3410, 70.1324**, and if you desaturate by 10%, it is **78.2660, 82.8618, 89.7851**.

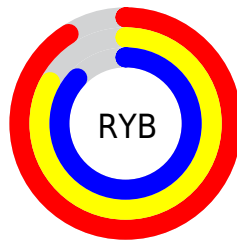
Distribution



Red (91%)

Green (83%)

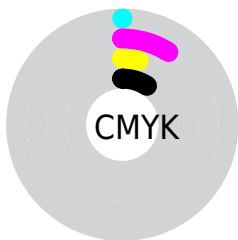
Blue (87%)



Red (91%)

Yellow (83%)

Blue (87%)

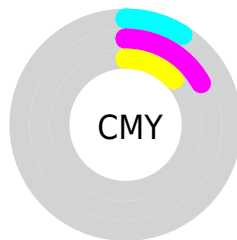


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4670, 69.7383, 79.5589 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 70.4670, 69.7383, 79.5589 by changing the saturation by 10% instead.

70.4670, 69.7383,
79.5589

70.4670, 69.7383,
79.5589

451.4289,
459.6306, 513.1126

52.1883, 51.3132,
58.8314

118.8971,
118.8355, 134.5512

37.3801, 36.4579,
42.0583

149.7793,
150.2764, 169.6531

25.6769, 24.7881,
28.8210

185.5933,
186.8246, 210.3835

16.7135, 15.9192,
18.7011

226.7046,
228.8647, 257.1610

10.1245, 9.4670,
11.2799

273.4784,
276.7809, 310.4041

5.5445, 5.0470,
6.1389

326.2802,

2.6081, 2.2749,

330.9577, 370.5314

2.8595

385.4752,
391.7795, 437.9613

■ 0.9501, 0.7604,
1.0234

■ 0.0000, 0.0000,
0.0000

■ 70.4670, 69.7383,
79.5589

■ 70.4670, 69.7383,
79.5589

■ 63.6105, 58.3410,
70.1324

■ 78.2660, 82.8618,
89.7851

■ 57.6529, 48.5885,
61.4793

■ 85.8760, 95.4484,
100.4403

■ 52.5559, 40.4062,
53.5783

■ 87.4147, 96.0638,
108.5427

■ 48.2758, 33.7101,
46.4050

■ 44.7653, 28.4086,
39.9336

■ 41.9715, 24.3996,
34.1359

■ 39.8346, 21.5667,
28.9813

■ 38.2841, 19.7727,
24.4349

■ 37.2127, 18.8071,
20.4493

Harmonies

Analogous

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



69.2530, 69.7383, 85.2493



70.4670, 69.7383, 79.5589



70.5443, 69.7383, 73.1902

Triad

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



70.4670, 69.7383, 79.5589



65.3194, 69.7383, 64.6006



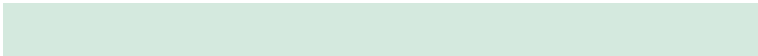
63.2048, 69.7383, 84.6239

Complementary

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



70.4670, 69.7383, 79.5589



69.4777, 77.5506, 80.4178

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.



62.1991, 69.7383, 78.7438



70.4670, 69.7383, 79.5589



63.4014, 69.7383, 67.3217

Square

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



70.4670, 69.7383, 79.5589



67.5384, 69.7383, 64.7915



62.2702, 69.7383, 72.4193



65.0456, 69.7383, 88.2840

Rectangle

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



70.4670, 69.7383, 79.5589



69.9381, 69.7383, 69.4323



62.2702, 69.7383, 72.4193



62.7597, 69.7383, 82.8276

Sweetspot

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



70.4690, 69.7413, 79.5604



92.0768, 94.9833, 105.0424



68.3170, 68.4716, 86.7073



19.5420, 20.0505, 22.2660



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.



70.4690, 69.7413, 79.5604



84.6685, 82.5600, 95.1948



69.1224, 69.2027, 72.4692



15.3950, 15.1859, 17.3654



21.1252, 10.6528, 11.7266



1.7074, 0.8559, 1.1767

Inverse Universe

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



70.4690, 69.7413, 79.5604



84.6685, 82.5600, 95.1948



70.9005, 78.1197, 87.9103



15.3950, 15.1859, 17.3654



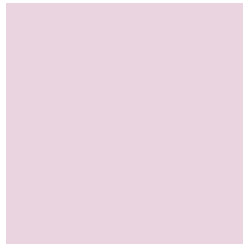
21.1252, 10.6528, 11.7266



1.7074, 0.8559, 1.1767

Previews

White Background



This preview shows how the XYZ color 70.4670, 69.7383, 79.5589 looks on a white background.

Color Contrast Check

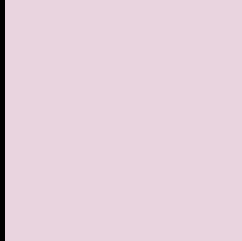
Large Text (above 18pt) WCAG AA × Fail

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 70.4670, 69.7383, 79.5589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

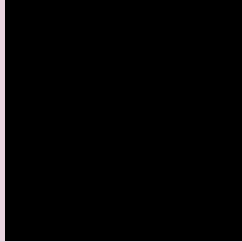
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4670, 69.7383, 79.5589

Background



This preview shows how black text looks on a background with the XYZ color 70.4670, 69.7383, 79.5589.



This preview shows how white text looks on a background with the XYZ color 70.4670, 69.7383,

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

70.4670, 69.7383, 79.5589

Protanopia

67.4968, 69.6628, 81.8403

Deuteranopia

71.2056, 69.7491, 79.5220



Tritanopia

71.2295, 69.6824, 83.0946

Trichromacy



Original Color

70.4670, 69.7383, 79.5589

Protanomaly

68.6315, 69.8844, 81.1059

Deuteranomaly

70.8745, 69.5784, 79.5065

Tritanomaly

70.9534, 69.5719, 81.6406

Monochromacy



Original Color

70.4670, 69.7383, 79.5589

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 70.4670, 69.7383, 79.5589 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(233, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 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(233, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.4670, 69.7383, 79.5589 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(233, 212, 223) }
```


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

```
.border{ border-color:rgb(233, 212, 223) }
```

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

Here you see how a box with a 4 pixel rgb(233, 212, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4670, 69.7383, 79.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 223) }
```

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

```
.background{ background-color: rgb(233,  
212, 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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