

Converting Colors

XYZ(67.6199, 68.2975, 76.9360)

Have a look what the booklet for
XYZ(67.6199, 68.2975, 76.9360)
contains.

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Color

**XYZ(67.6937, 68.3702,
76.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D4DB
RGB	226, 212, 219
RGB Percent	89%, 83%, 86%
CMY	0.1137, 0.1686, 0.1412
CMYK	0.00, 0.06, 0.03, 0.11
HSL	330°, 19%, 86%
HSV	330°, 6%, 89%
XYZ	67.6937, 68.3702, 76.6468
YIQ	216.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

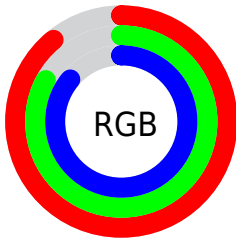
Format	Color
R _{YB}	226, 212, 219
Decimal	14865627
CIE Lab	86.19, 6.04, -1.72
CIE LCh	86, 6.280, 344.092
Yxy	68.3702, 0.3182, 0.3214
Android (android.graphics.Color)	4293055707 (0xFFE2D4DB)
YUV	216.9840, 0.9939, 7.9070
Hunter-Lab	82.6863, 1.4336, 2.9210

Details

The XYZ color **67.6937, 68.3702, 76.6468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1365, 73.5060, 77.6710**, and the grayscale version is **65.9345, 69.3682, 75.5420**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5524, 35.4522, 40.0911** is the 20% darker color. If you saturate the color by 10%, you get **60.9974, 57.2780, 67.3211**, and if you desaturate by 10%, it is **75.2857, 81.0903, 86.7713**.

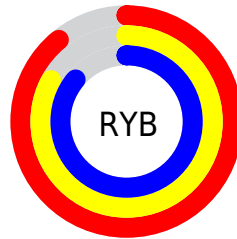
Distribution



Red (89%)

Green (83%)

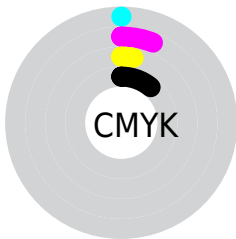
Blue (86%)



Red (89%)

Yellow (83%)

Blue (86%)

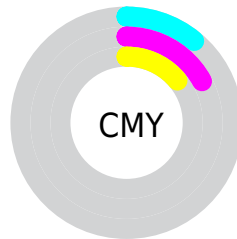


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6937, 68.3702, 76.6468 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 67.6937, 68.3702, 76.6468 by changing the saturation by 10% instead.

67.6937, 68.3702,
76.6468

67.6937, 68.3702,
76.6468

441.8038,
454.8065, 502.9646

49.9214, 50.1990,
56.4532

114.9582,
116.8816, 130.4092

35.5685, 35.5715,
40.1600

145.1810,
147.9905, 164.8152

24.2697, 24.1035,
27.3486

180.2847,
184.1808, 204.7956

15.6596, 15.4104,
17.6004

220.6346,
225.8369, 250.7691

9.3729, 9.1079,
10.4970

266.5962,
273.3431, 303.1542

5.0443, 4.8116,
5.6198

318.5346,

2.3083, 2.1372,

327.0838, 362.3695

2.5503

376.8154,
387.4435, 428.8334

■ 0.7989, 0.6854,
0.8666

■ 0.0000, 0.0000,
0.0000

■ 67.6937, 68.3702,
76.6468

■ 67.6937, 68.3702,
76.6468

■ 60.9974, 57.2780,
67.3211

■ 75.2857, 81.0903,
86.7713

■ 55.1564, 47.7386,
58.7683

■ 83.0925, 94.0762,
97.4747

■ 50.1355, 39.6843,
50.9676

■ 84.8398, 94.7751,
106.6757

■ 45.8950, 33.0390,
43.8951

■ 85.1744, 94.9090,
108.4378

■ 42.3917, 27.7195,
37.5257

■ 39.5777, 23.6341,
31.8322

■ 37.3993, 20.6791,
26.7851

■ 35.7942, 18.7334,
22.3513

■ 34.6849, 17.6466,
18.4924

Harmonies

Analogous

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



66.9371, 68.3702, 80.3084



67.6937, 68.3702, 76.6468



67.7171, 68.3702, 72.5221

Triad

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



67.6937, 68.3702, 76.6468



64.3094, 68.3702, 66.9866



63.0079, 68.3702, 80.1209

Complementary

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



67.6937, 68.3702, 76.6468



67.1365, 73.5060, 77.6710

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.



62.3251, 68.3702, 76.3985



67.6937, 68.3702, 76.6468



63.0689, 68.3702, 68.8713

Square

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



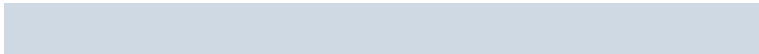
67.6937, 68.3702, 76.6468



65.7487, 68.3702, 67.0475



62.3473, 68.3702, 72.2829



64.2249, 68.3702, 82.3644

Rectangle

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



67.6937, 68.3702, 76.6468



67.3129, 68.3702, 70.0702



62.3473, 68.3702, 72.2829



62.7091, 68.3702, 78.9952

Sweetspot

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



67.6956, 68.3732, 76.6483



93.0365, 96.6259, 106.2163



66.4869, 67.6413, 81.5043



19.9348, 20.7173, 22.7629



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.



67.6956, 68.3732, 76.6483



88.2134, 88.5736, 99.6943



66.7936, 68.0124, 71.8982



14.2715, 14.2796, 16.1108



19.6527, 9.9281, 10.1026



1.4074, 0.7062, 0.9383

Inverse Universe

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



67.6956, 68.3732, 76.6483



88.2134, 88.5736, 99.6943



68.0773, 73.8823, 82.6251



14.2715, 14.2796, 16.1108



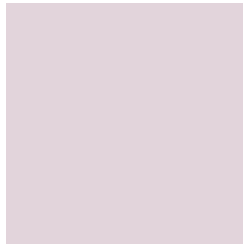
19.6527, 9.9281, 10.1026



1.4074, 0.7062, 0.9383

Previews

White Background



This preview shows how the XYZ color 67.6937, 68.3702, 76.6468 looks on a white background.

Color Contrast Check

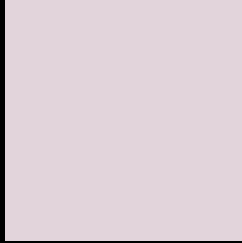
Large Text (above 18pt) WCAG AA × Fail

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 67.6937, 68.3702, 76.6468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

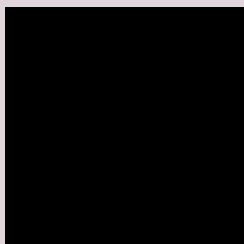
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

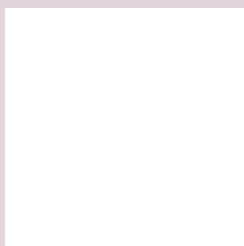
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6937, 68.3702, 76.6468

Background



This preview shows how black text looks on a background with the XYZ color 67.6937, 68.3702, 76.6468.

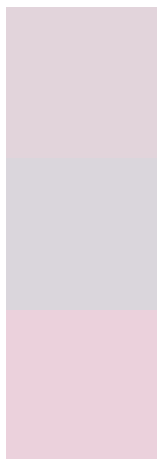


This preview shows how white text looks on a background with the XYZ color 67.6937, 68.3702,

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

67.6937, 68.3702, 76.6468

Protanopia

65.8783, 68.1659, 77.3953

Deuteranopia

69.9797, 68.4304, 77.2302



Tritanopia

68.8379, 68.4655, 82.2601

Trichromacy



Original Color

67.6937, 68.3702, 76.6468

Protanomaly

66.5313, 68.1280, 77.3536

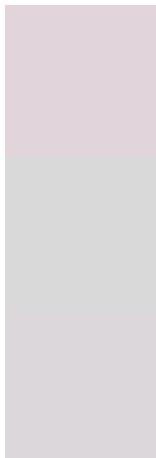
Deuteranomaly

69.2436, 68.4163, 77.2663

Tritanomaly

68.4274, 68.3012, 80.0980

Monochromacy



Original Color

67.6937, 68.3702, 76.6468

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4705, 68.8785, 76.1212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6937, 68.3702, 76.6468 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(226, 212, 219) looks like.

```
.text, #text, p{  
    color:rgb(226, 212, 219)  
}
```

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(226, 212, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 212, 219) }
```

Border

The CSS property to change the border of an element to XYZ 67.6937, 68.3702, 76.6468 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(226, 212, 219) }
```


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

```
.border{ border-color:rgb(226, 212, 219) }
```

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

Here you see how a box with a 4 pixel rgb(226, 212, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 212, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 212, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 212,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6937, 68.3702, 76.6468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 212, 219) }
```

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

```
.background{ background-color: rgb(226,  
212, 219) }
```

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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