

Converting Colors

XYZ(67.3162, 67.8802, 74.2509)

Have a look what the booklet for
XYZ(67.3162, 67.8802, 74.2509)
contains.

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Color

**XYZ(67.3675, 67.8773,
74.5167)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3D3D8 |
| RGB | 227, 211, 216 |
| RGB Percent | 89%, 83%, 85% |
| CMY | 0.1098, 0.1725, 0.1529 |
| CMYK | 0.00, 0.07, 0.05, 0.11 |
| HSL | 341°, 22%, 86% |
| HSV | 341°, 7%, 89% |
| XYZ | 67.3675, 67.8773, 74.5167 |
| YIQ | 216.3540, 7.9310, 4.9470 |

Conversions

Conversions Part 2

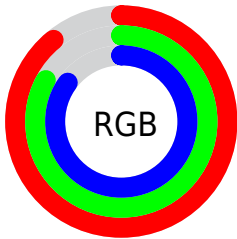
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 227, 211, 216 |
| Decimal | 14930904 |
| CIE Lab | 85.95, 6.38, -0.48 |
| CIE LCh | 86, 6.400, 355.680 |
| Yxy | 67.8773, 0.3212, 0.3236 |
| Android (android.graphics.Color) | 4293120984 (0xFFE3D3D8) |
| YUV | 216.3540, -0.1745, 9.3365 |
| Hunter-Lab | 82.3877, 1.7790, 4.0457 |

Details

The XYZ color **67.3675, 67.8773, 74.5167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5205, 74.0628, 79.8478**, and the grayscale version is **65.5106, 68.9222, 75.0563**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3347, 35.1208, 38.6349** is the 20% darker color. If you saturate the color by 10%, you get **60.1986, 56.6166, 62.6389**, and if you desaturate by 10%, it is **75.5284, 80.8133, 87.6727**.

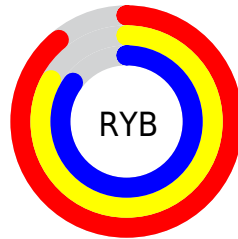
Distribution



Red (89%)

Green (83%)

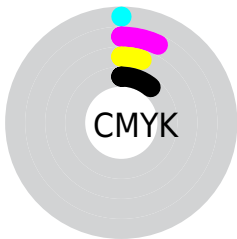
Blue (85%)



Red (89%)

Yellow (83%)

Blue (85%)

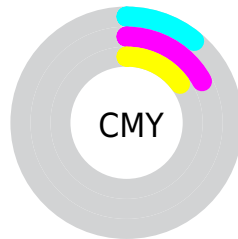


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3675, 67.8773, 74.5167 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 67.3675, 67.8773, 74.5167 by changing the saturation by 10% instead.

67.3675, 67.8773,
74.5167

67.3675, 67.8773,
74.5167

440.6637,
453.0612, 495.4658

49.6551, 49.7979,
54.7177

114.4937,
116.1766, 127.3688

35.3561, 35.2529,
38.7787

144.6383,
147.1653, 161.2590

24.1051, 23.8577,
26.2811

179.6577,
183.2259, 200.6833

15.5368, 15.2281,
16.8064

219.9172,
224.7428, 246.0603

9.2857, 8.9796,
9.9361

265.7822,
272.1004, 297.8085

4.9866, 4.7279,
5.2515

317.6180,

2.2741, 2.0885,

325.6830, 356.3464

2.3343

375.7901,
385.8752, 422.0927

■ 0.7814, 0.6582,
0.7503

■ 0.0000, 0.0000,
0.0000

■ 67.3675, 67.8773,
74.5167

■ 67.3675, 67.8773,
74.5167

■ 60.1986, 56.6166,
62.6389

■ 75.5284, 80.8133,
87.6727

■ 53.9774, 46.9537,
51.9959

■ 84.2617, 94.5802,
101.9899

■ 48.6647, 38.8185,
42.5481

■ 85.4890, 95.0711,
108.4526

■ 44.2163, 32.1319,
34.2520

■ 40.5843, 26.8076,
27.0614

■ 37.7158, 22.7504,
20.9266

■ 35.5513, 19.8523,
15.7938

■ 34.0218, 17.9872,
11.6035

■ 33.0393, 16.9917,
8.2869

Harmonies

Analogous

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



66.8718, 67.8773, 78.5531



67.3675, 67.8773, 74.5167



67.0895, 67.8773, 70.4630

Triad

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



67.3675, 67.8773, 74.5167



63.3014, 67.8773, 66.8667



62.9389, 67.8773, 80.7776

Complementary

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



67.3675, 67.8773, 74.5167



67.5205, 74.0628, 79.8478

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.



62.0078, 67.8773, 77.4611



67.3675, 67.8773, 74.5167



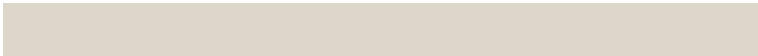
62.2149, 67.8773, 69.4475

Square

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



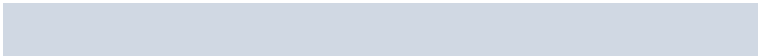
67.3675, 67.8773, 74.5167



64.7279, 67.8773, 66.1448



61.7448, 67.8773, 73.3003



64.3032, 67.8773, 82.2536

Rectangle

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



67.3675, 67.8773, 74.5167



66.5051, 67.8773, 68.2796



61.7448, 67.8773, 73.3003



62.5657, 67.8773, 79.8350

Sweetspot

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



67.3694, 67.8803, 74.5182



92.8849, 96.5652, 105.4181



67.2655, 67.6568, 82.1878



19.9039, 20.7049, 22.6004



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.



67.3694, 67.8803, 74.5182



86.7069, 86.7970, 95.3804



67.4684, 69.0963, 71.4125



14.5615, 14.4418, 15.8911



19.1828, 9.8073, 4.5915



1.4582, 0.7410, 0.5536

Inverse Universe

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



67.3694, 67.8803, 74.5182



86.7069, 86.7970, 95.3804



67.4049, 72.7441, 83.1624



14.5615, 14.4418, 15.8911



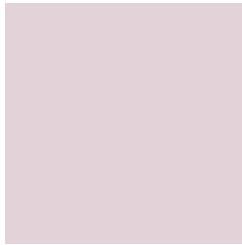
19.1828, 9.8073, 4.5915



1.4582, 0.7410, 0.5536

Previews

White Background



This preview shows how the XYZ color 67.3675, 67.8773, 74.5167 looks on a white background.

Color Contrast Check

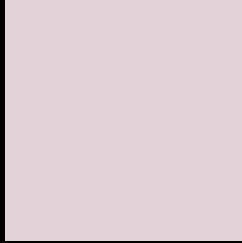
Large Text (above 18pt) WCAG AA × Fail

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 67.3675, 67.8773, 74.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

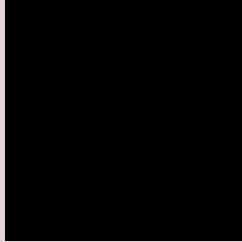
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

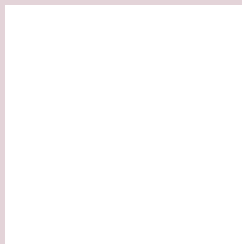
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3675, 67.8773, 74.5167

Background



This preview shows how black text looks on a background with the XYZ color 67.3675, 67.8773, 74.5167.

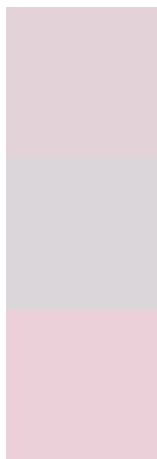


This preview shows how white text looks on a background with the XYZ color 67.3675, 67.8773,

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

67.3675, 67.8773, 74.5167

Protanopia

65.6149, 68.0605, 76.0084

Deuteranopia

69.3412, 67.7837, 75.0745



Tritanopia

68.5228, 67.5859, 81.3853

Trichromacy



Original Color

67.3675, 67.8773, 74.5167

Protanomaly

66.1374, 67.9704, 75.2794

Deuteranomaly

68.6036, 67.7665, 75.1101

Tritanomaly

68.2263, 67.8611, 78.6098

Monochromacy



Original Color

67.3675, 67.8773, 74.5167

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.9564, 68.2666, 74.6662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3675, 67.8773, 74.5167 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(227, 211, 216) looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 216)  
}
```

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(227, 211, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 216) }
```

Border

The CSS property to change the border of an element to XYZ 67.3675, 67.8773, 74.5167 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(227, 211, 216) }
```


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

```
.border{ border-color:rgb(227, 211, 216) }
```

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

Here you see how a box with a 4 pixel rgb(227, 211, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3675, 67.8773, 74.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 216) }
```

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

```
.background{ background-color: rgb(227,  
211, 216) }
```

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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