

Converting Colors

XYZ(68.6727, 68.1491, 75.6349)

Have a look what the booklet for
XYZ(68.6727, 68.1491, 75.6349)
contains.

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Color

**XYZ(68.6565, 68.1441,
75.8642)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D2DA
RGB	231, 210, 218
RGB Percent	91%, 82%, 85%
CMY	0.0941, 0.1764, 0.1451
CMYK	0.00, 0.09, 0.06, 0.09
HSL	337°, 30%, 86%
HSV	337°, 9%, 91%
XYZ	68.6565, 68.1441, 75.8642
YIQ	217.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

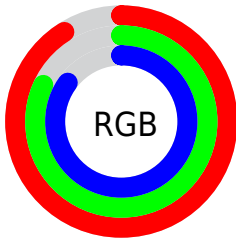
Format	Color
R _{YB}	231, 210, 218
Decimal	15192794
CIE Lab	86.08, 8.63, -1.31
CIE LCh	86, 8.731, 351.383
Yxy	68.1441, 0.3228, 0.3204
Android (android.graphics.Color)	4293382874 (0xFFE7D2DA)
YUV	217.1910, 0.3988, 12.1105
Hunter-Lab	82.5494, 3.9972, 3.2962

Details

The XYZ color **68.6565, 68.1441, 75.8642** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4762, 76.1830, 80.9115**, and the grayscale version is **66.0785, 69.5197, 75.7070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1785, 35.5352, 39.6025** is the 20% darker color. If you saturate the color by 10%, you get **61.5686, 56.8348, 64.6626**, and if you desaturate by 10%, it is **76.7330, 81.1703, 88.1939**.

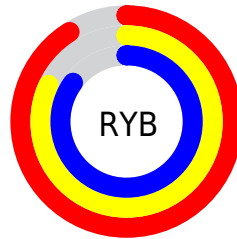
Distribution



Red (91%)

Green (82%)

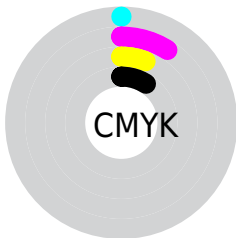
Blue (85%)



Red (91%)

Yellow (82%)

Blue (85%)

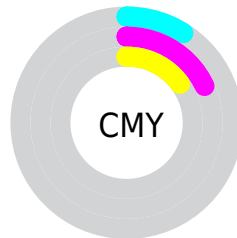


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6565, 68.1441, 75.8642 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 68.6565, 68.1441, 75.8642 by changing the saturation by 10% instead.

68.6565, 68.1441,
75.8642

68.6565, 68.1441,
75.8642

445.1589,
454.0064, 500.2172

50.7076, 50.0150,
55.8152

116.3276,
116.5583, 129.2933

36.1961, 35.4253,
39.6518

146.7805,
147.6121, 163.5104

24.7565, 23.9907,
26.9554

182.1322,
183.7429, 203.2872

16.0235, 15.3267,
17.3076

222.7479,
225.3352, 249.0424

9.6317, 9.0490,
10.2898

268.9931,
272.7733, 301.1945

5.2159, 4.7732,
5.4834

321.2331,

2.4105, 2.1148,

326.4416, 360.1619

2.4699

379.8332,
386.7245, 426.3633

■ 0.8504, 0.6729,
0.8242

■ 0.0000, 0.0000,
0.0000

■ 68.6565, 68.1441,
75.8642

■ 68.6565, 68.1441,
75.8642

■ 61.5686, 56.8348,
64.6626

■ 76.7330, 81.1703,
88.1939

■ 55.4244, 47.1617,
54.5517

■ 85.4433, 95.2003,
101.5502

■ 50.1839, 39.0508,
45.4980

■ 86.7654, 95.7291,
108.5123

■ 45.8020, 32.4190,
37.4648

■ 42.2295, 27.1752,
30.4130

■ 39.4120, 23.2183,
24.3005

■ 37.2879, 20.4332,
19.0815

■ 35.7848, 18.6841,
14.7052

■ 34.7930, 17.7607,
11.1065

Harmonies

Analogous

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



67.8286, 68.1441, 81.3049



68.6565, 68.1441, 75.8642



68.4261, 68.1441, 70.2435

Triad

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



68.6565, 68.1441, 75.8642



63.3732, 68.1441, 64.3824



62.3921, 68.1441, 83.1642

Complementary

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



68.6565, 68.1441, 75.8642



68.4762, 76.1830, 80.9115

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.



61.2445, 68.1441, 78.2968



68.6565, 68.1441, 75.8642



61.8027, 68.1441, 67.5166

Square

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



68.6565, 68.1441, 75.8642



65.3484, 68.1441, 63.8060



61.0309, 68.1441, 72.5551



64.1929, 68.1441, 85.6597

Rectangle

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



68.6565, 68.1441, 75.8642



67.7053, 68.1441, 67.1339



61.0309, 68.1441, 72.5551



61.9187, 68.1441, 81.7396

Sweetspot

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



68.6584, 68.1471, 75.8657



91.9046, 94.9145, 104.1356



67.8889, 67.5460, 85.0618



19.4956, 20.0319, 22.0215



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.



68.6584, 68.1471, 75.8657



84.0741, 82.3223, 92.0647



68.2463, 68.9573, 70.6895



14.6030, 14.4584, 16.1096



19.5178, 9.9413, 6.3557



1.4864, 0.7523, 0.7020

Inverse Universe

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



68.6584, 68.1471, 75.8657



84.0741, 82.3223, 92.0647



68.8993, 75.2629, 86.4980



14.6030, 14.4584, 16.1096



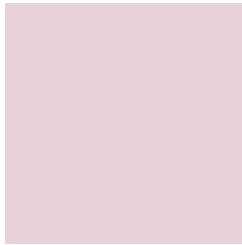
19.5178, 9.9413, 6.3557



1.4864, 0.7523, 0.7020

Previews

White Background



This preview shows how the XYZ color 68.6565, 68.1441, 75.8642 looks on a white background.

Color Contrast Check

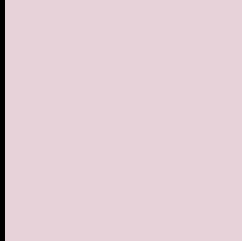
Large Text (above 18pt) WCAG AA × Fail

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 68.6565, 68.1441, 75.8642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

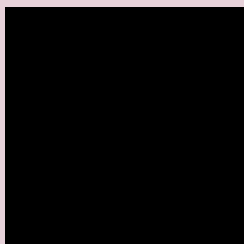
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6565, 68.1441, 75.8642

Background



This preview shows how black text looks on a background with the XYZ color 68.6565, 68.1441, 75.8642.



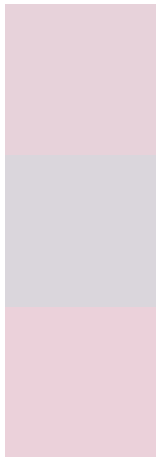
This preview shows how white text looks on a background with the XYZ color 68.6565, 68.1441,

75.8642.

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

68.6565, 68.1441, 75.8642

Protanopia

65.8783, 68.1659, 77.3953

Deuteranopia

69.7163, 68.3251, 75.8433



Tritanopia

69.6698, 68.1930, 80.7247

Trichromacy



Original Color

68.6565, 68.1441, 75.8642

Protanomaly

67.0119, 68.3909, 76.6867

Deuteranomaly

69.3870, 68.1553, 75.8279

Tritanomaly

69.2640, 68.0307, 78.5879

Monochromacy



Original Color

68.6565, 68.1441, 75.8642

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.6952, 68.6325, 75.3778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6565, 68.1441, 75.8642 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(231, 210, 218)` looks like.

```
.text, #text, p{  
    color:rgb(231, 210, 218)  
}
```

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(231, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 210, 218) }
```

Border

The CSS property to change the border of an element to XYZ 68.6565, 68.1441, 75.8642 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(231, 210, 218) }
```


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

```
.border{ border-color:rgb(231, 210, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 210, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 210, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 210, 218);  
box-shadow:4px 4px 4px 4px rgb(231, 210,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6565, 68.1441, 75.8642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 210, 218) }
```

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

```
.background{ background-color: rgb(231,  
210, 218) }
```

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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