

Converting Colors

XYZ(67.3260, 69.3745, 75.7001)

Have a look what the booklet for
XYZ(67.3260, 69.3745, 75.7001)
contains.

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Color

**XYZ(67.2562, 69.2986,
75.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD7D9
RGB	223, 215, 217
RGB Percent	87%, 84%, 85%
CMY	0.1255, 0.1568, 0.1490
CMYK	0.00, 0.04, 0.03, 0.13
HSL	345°, 11%, 86%
HSV	345°, 4%, 87%
XYZ	67.2562, 69.2986, 75.4768
YIQ	217.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

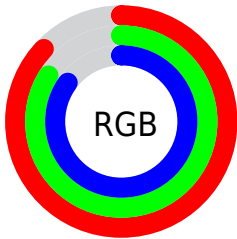
Format	Color
R _Y B	223, 215, 217
Decimal	14669785
CIE Lab	86.65, 3.09, -0.02
CIE LCh	87, 3.091, 359.675
Yxy	69.2986, 0.3172, 0.3268
Android (android.graphics.Color)	4292859865 (0xFFDFD7D9)
YUV	217.6200, -0.3057, 4.7183
Hunter-Lab	83.2458, -1.4658, 4.5153

Details

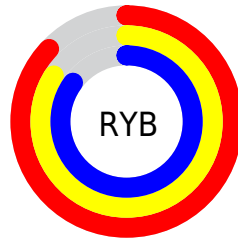
The XYZ color **67.2562, 69.2986, 75.4768** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4657, 72.4446, 78.8375**, and the grayscale version is **66.3806, 69.8376, 76.0531**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2408, 36.0751, 39.2882** is the 20% darker color. If you saturate the color by 10%, you get **59.8934, 57.8806, 62.8236**, and if you desaturate by 10%, it is **75.6176, 82.3588, 89.5534**.

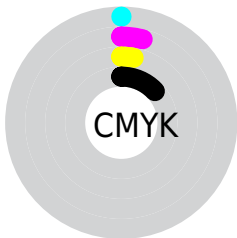
Distribution



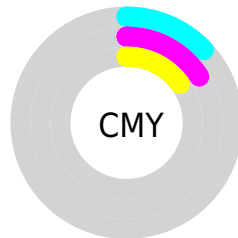
- Red (87%)
- Green (84%)
- Blue (85%)



- Red (87%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2562, 69.2986, 75.4768 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 67.2562, 69.2986, 75.4768 by changing the saturation by 10% instead.

67.2562, 69.2986,
75.4768

67.2562, 69.2986,
75.4768

440.2743,
458.0834, 498.8539

49.5643, 50.9549,
55.4995

114.3352,
118.2080, 128.7404

35.2837, 36.1727,
39.4005

144.4531,
149.5424, 162.8637

24.0491, 24.5676,
26.7612

179.4436,
185.9760, 202.5395

15.4949, 15.7552,
17.1631

219.6722,
227.8930, 248.1863

9.2561, 9.3511,
10.1877

265.5042,
275.6778, 300.2225

4.9670, 4.9709,
5.4163

317.3050,

2.2625, 2.2302,

329.7149, 359.0669

2.4306

375.4399,
390.3887, 425.1378

■ 0.7754, 0.7364,
0.8030

■ 0.0000, 0.0000,
0.0000

■ 67.2562, 69.2986,
75.4768

■ 67.2562, 69.2986,
75.4768

■ 59.8934, 57.8806,
62.8236

■ 75.6176, 82.3588,
89.5534

■ 53.4857, 48.0310,
51.5444

■ 83.5205, 94.1397,
104.5961

■ 47.9950, 39.6836,
41.5936

■ 84.2418, 94.4282,
108.3942

■ 43.3783, 32.7643,
32.9213

■ 39.5893, 27.1921,
25.4744

■ 36.5770, 22.8785,
19.1958

■ 34.2848, 19.7239,
14.0238

■ 32.6477, 17.6135,
9.8904

■ 31.5883, 16.4086,
6.7193

Harmonies

Analogous

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



67.0649, 69.2986, 77.4680



67.2562, 69.2986, 75.4768



67.0728, 69.2986, 73.5141

Triad

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



67.2562, 69.2986, 75.4768



65.1852, 69.2986, 72.0716



65.1718, 69.2986, 78.9183

Complementary

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



67.2562, 69.2986, 75.4768



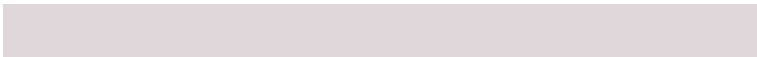
67.4657, 72.4446, 78.8375

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.



64.6742, 69.2986, 77.4285



67.2562, 69.2986, 75.4768



64.6820, 69.2986, 73.4760

Square

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



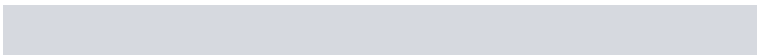
67.2562, 69.2986, 75.4768



65.8741, 69.2986, 71.5700



64.4956, 69.2986, 75.4320



65.8584, 69.2986, 79.4769

Rectangle

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



67.2562, 69.2986, 75.4768



66.7635, 69.2986, 72.4805



64.4956, 69.2986, 75.4320



64.9770, 69.2986, 78.5085

Sweetspot

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



67.2582, 69.3016, 75.4783



93.9353, 98.2612, 107.0162



67.4407, 69.3039, 79.6353



20.1178, 21.0503, 22.9258



0.0000, 0.0000, 0.0000



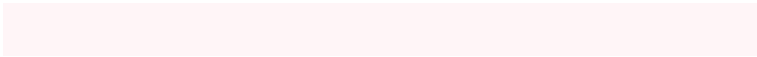
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2582, 69.3016, 75.4783



90.6739, 93.1807, 101.4828



67.5122, 70.2227, 74.2897



14.6289, 14.9705, 16.3033



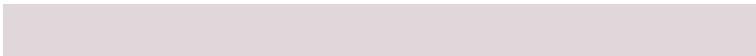
18.3464, 9.4056, 3.2240



1.3072, 0.6662, 0.4106

Inverse Universe

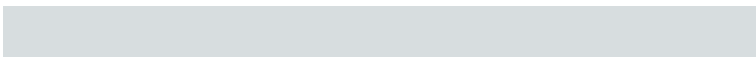
The Inverse Universe completely reimagines the original color for something new.



67.2582, 69.3016, 75.4783



90.6739, 93.1807, 101.4828



67.2024, 71.4897, 80.0698



14.6289, 14.9705, 16.3033



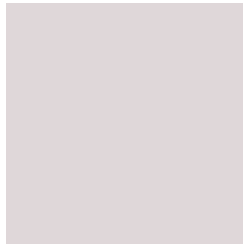
18.3464, 9.4056, 3.2240



1.3072, 0.6662, 0.4106

Previews

White Background



This preview shows how the XYZ color 67.2562, 69.2986, 75.4768 looks on a white background.

Color Contrast Check

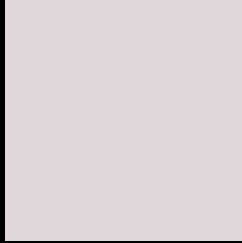
Large Text (above 18pt) WCAG AA × Fail

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 67.2562, 69.2986, 75.4768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

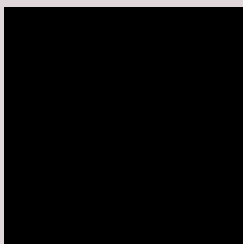
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

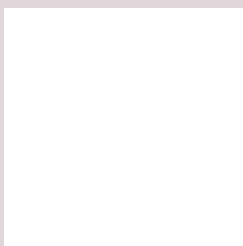
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2562, 69.2986, 75.4768

Background



This preview shows how black text looks on a background with the XYZ color 67.2562, 69.2986, 75.4768.



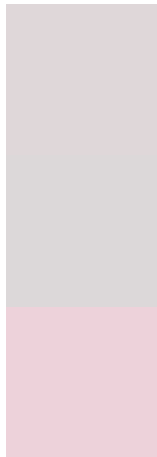
This preview shows how white text looks on a background with the XYZ color 67.2562, 69.2986,

75.4768.

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

67.2562, 69.2986, 75.4768

Protanopia

66.5955, 69.3371, 75.5191

Deuteranopia

70.6265, 69.1597, 75.9564



Tritanopia

69.1285, 69.3092, 84.5975

Trichromacy



Original Color

67.2562, 69.2986, 75.4768

Protanomaly

66.8990, 69.4936, 75.5333

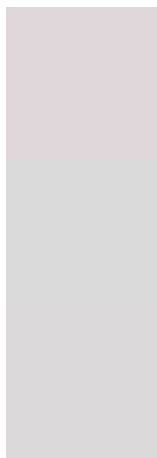
Deuteranomaly

69.4771, 69.3047, 76.0450

Tritanomaly

68.3776, 69.3767, 81.0213

Monochromacy



Original Color

67.2562, 69.2986, 75.4768

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.9829, 69.9033, 76.2920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2562, 69.2986, 75.4768 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(223, 215, 217) looks like.

```
.text, #text, p{  
    color:rgb(223, 215, 217)  
}
```

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(223, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 215, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.2562, 69.2986, 75.4768 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(223, 215, 217) }
```


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

```
.border{ border-color:rgb(223, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(223, 215,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2562, 69.2986, 75.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 215, 217) }
```

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

```
.background{ background-color: rgb(223,  
215, 217) }
```

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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