

Converting Colors

XYZ(69.7782, 68.0638, 75.1283)

Have a look what the booklet for
XYZ(69.7782, 68.0638, 75.1283)
contains.

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Color

**XYZ(69.6723, 67.9544,
75.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD0D9
RGB	236, 208, 217
RGB Percent	93%, 82%, 85%
CMY	0.0745, 0.1843, 0.1490
CMYK	0.00, 0.12, 0.08, 0.07
HSL	341°, 42%, 87%
HSV	341°, 12%, 93%
XYZ	69.6723, 67.9544, 75.0900
YIQ	217.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

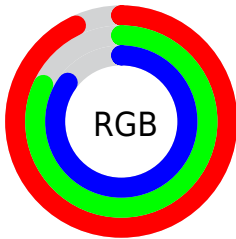
Format	Color
R _Y B	236, 208, 217
Decimal	15519961
CIE Lab	85.98, 11.24, -0.87
CIE LCh	86, 11.276, 355.593
Yxy	67.9544, 0.3275, 0.3195
Android (android.graphics.Color)	4293710041 (0xFFECD0D9)
YUV	217.3980, -0.1962, 16.3140
Hunter-Lab	82.4345, 6.6051, 3.6965

Details

The XYZ color **69.6723, 67.9544, 75.0900** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8756, 78.9485, 84.2326**, and the grayscale version is **66.2227, 69.6714, 75.8721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8996, 35.4231, 39.0749** is the 20% darker color. If you saturate the color by 10%, you get **62.3581, 56.4991, 62.8677**, and if you desaturate by 10%, it is **78.0487, 81.2088, 88.6656**.

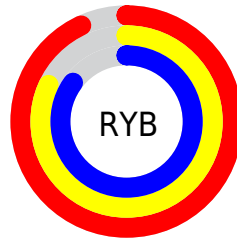
Distribution



Red (93%)

Green (82%)

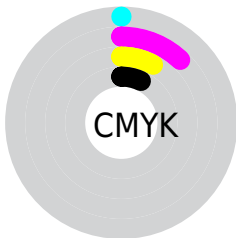
Blue (85%)



Red (93%)

Yellow (82%)

Blue (85%)

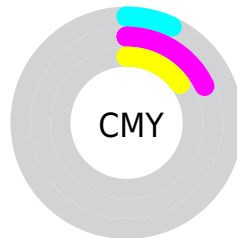


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6723, 67.9544, 75.0900 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 69.6723, 67.9544, 75.0900 by changing the saturation by 10% instead.

69.6723, 67.9544,
75.0900

69.6723, 67.9544,
75.0900

448.6829,
453.3344, 497.4905

51.5381, 49.8606,
55.1845

117.7701,
116.2869, 128.1880

36.8598, 35.3027,
39.1498

148.4644,
147.2944, 162.2176

25.2721, 23.8961,
26.5676

184.0761,
183.3754, 201.7922

16.4097, 15.2566,
17.0192

224.9706,
224.9140, 247.3305

9.9072, 8.9997,
10.0861

271.5131,
272.2949, 299.2509

5.3993, 4.7410,
5.3497

324.0691,

2.5205, 2.0961,

325.9023, 357.9720

2.3916

383.0039,
386.1207, 423.9124

■ 0.9056, 0.6624,
0.7818

■ 0.0000, 0.0000,
0.0000

■ 69.6723, 67.9544,
75.0900

■ 69.6723, 67.9544,
75.0900

■ 62.3581, 56.4991,
62.8677

■ 78.0487, 81.2088,
88.6656

■ 56.0569, 46.7563,
51.9516

■ 87.4567, 96.1948,
103.6090

■ 50.7241, 38.6456,
42.2980

■ 88.4024, 96.5730,
108.5889

■ 46.3096, 32.0766,
33.8593

■ 42.7585, 26.9500,
26.5843

■ 40.0095, 23.1550,
20.4180

■ 37.9931, 20.5642,
15.3003

■ 36.6264, 19.0248,
11.1638

■ 35.8911, 18.3525,
8.4580

Harmonies

Analogous

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



68.7770, 67.9544, 82.3297



69.6723, 67.9544, 75.0900



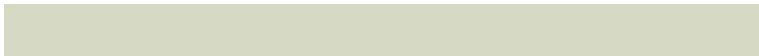
69.1760, 67.9544, 68.0103

Triad

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



69.6723, 67.9544, 75.0900



62.4652, 67.9544, 61.8805



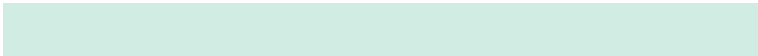
61.8205, 67.9544, 86.3679

Complementary

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



69.6723, 67.9544, 75.0900



69.8756, 78.9485, 84.2326

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.



60.2087, 67.9544, 80.3120



69.6723, 67.9544, 75.0900



60.5739, 67.9544, 66.2349

Square

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



69.6723, 67.9544, 75.0900



64.9713, 67.9544, 60.6858



59.7584, 67.9544, 72.9024



64.2074, 67.9544, 89.1108

Rectangle

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



69.6723, 67.9544, 75.0900



68.1296, 67.9544, 64.2801



59.7584, 67.9544, 72.9024



61.1725, 67.9544, 84.6333

Sweetspot

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



69.6742, 67.9574, 75.0915



90.7872, 93.2260, 102.0794



69.2720, 67.4479, 88.7253



19.2657, 19.6901, 21.5810



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.



69.6742, 67.9574, 75.0915



81.0414, 77.8363, 86.1847



69.6900, 69.8108, 69.4800



15.2649, 15.1338, 16.6805



19.8360, 10.1371, 4.9378



1.6001, 0.8130, 0.6114

Inverse Universe

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



69.6742, 67.9574, 75.0915



81.0414, 77.8363, 86.1847



69.8243, 76.8065, 90.5026



15.2649, 15.1338, 16.6805



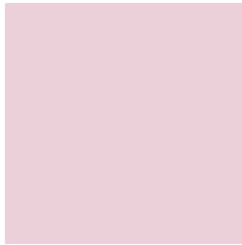
19.8360, 10.1371, 4.9378



1.6001, 0.8130, 0.6114

Previews

White Background



This preview shows how the XYZ color 69.6723, 67.9544, 75.0900 looks on a white background.

Color Contrast Check

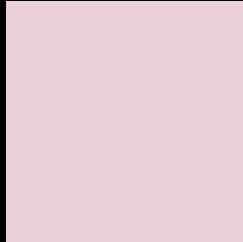
Large Text (above 18pt) WCAG AA × Fail

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 69.6723, 67.9544, 75.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

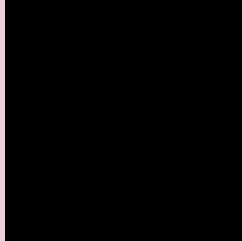
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6723, 67.9544, 75.0900

Background



This preview shows how black text looks on a background with the XYZ color 69.6723, 67.9544, 75.0900.



This preview shows how white text looks on a background with the XYZ color 69.6723, 67.9544,

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

69.6723, 67.9544, 75.0900

Protanopia

65.7130, 68.0653, 78.0811

Deuteranopia

69.3412, 67.7837, 75.0745



Tritanopia

70.5572, 67.9579, 79.2105

Trichromacy



Original Color

69.6723, 67.9544, 75.0900

Protanomaly

67.2022, 68.1016, 77.3131

Deuteranomaly

69.3412, 67.7837, 75.0745

Tritanomaly

70.2890, 67.8506, 77.7985

Monochromacy



Original Color

69.6723, 67.9544, 75.0900

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.3114, 68.9502, 75.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6723, 67.9544, 75.0900 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(236, 208, 217)` looks like.

```
.text, #text, p{  
    color:rgb(236, 208, 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(236, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 208, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.6723, 67.9544, 75.0900 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(236, 208, 217) }
```


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

```
.border{ border-color:rgb(236, 208, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(236, 208,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6723, 67.9544, 75.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 208, 217) }
```

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

```
.background{ background-color: rgb(236,  
208, 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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