

Converting Colors

XYZ(66.9699, 69.2226, 75.5676)

Have a look what the booklet for
XYZ(66.9699, 69.2226, 75.5676)
contains.

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Color

**XYZ(66.9490, 69.1402,
75.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	DED7D9
RGB	222, 215, 217
RGB Percent	87%, 84%, 85%
CMY	0.1294, 0.1568, 0.1490
CMYK	0.00, 0.03, 0.02, 0.13
HSL	343°, 10%, 86%
HSV	343°, 3%, 87%
XYZ	66.9490, 69.1402, 75.4624
YIQ	217.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

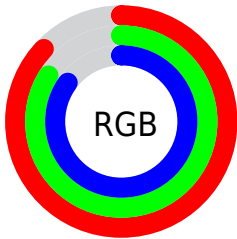
Format	Color
R _Y B	222, 215, 217
Decimal	14604249
CIE Lab	86.57, 2.75, -0.14
CIE LCh	87, 2.752, 357.059
Yxy	69.1402, 0.3165, 0.3268
Android (android.graphics.Color)	4292794329 (0xFFDED7D9)
YUV	217.3210, -0.1583, 4.1035
Hunter-Lab	83.1506, -1.7936, 4.3974

Details

The XYZ color **66.9490, 69.1402, 75.4624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0665, 71.8587, 78.0491**, and the grayscale version is **66.1745, 69.6207, 75.8170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0287, 35.9657, 39.2783** is the 20% darker color. If you saturate the color by 10%, you get **59.7101, 57.8071, 63.3529**, and if you desaturate by 10%, it is **75.1573, 82.0928, 88.8757**.

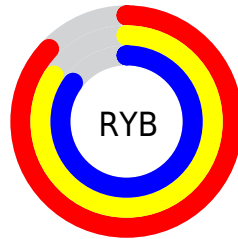
Distribution



Red (87%)

Green (84%)

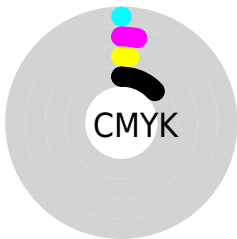
Blue (85%)



Red (87%)

Yellow (84%)

Blue (85%)

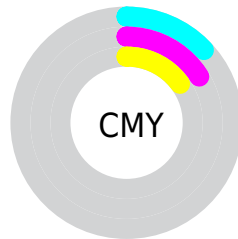


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9490, 69.1402, 75.4624 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 66.9490, 69.1402, 75.4624 by changing the saturation by 10% instead.

■ 66.9490, 69.1402,
75.4624

■ 66.9490, 69.1402,
75.4624

439.1985,
457.5253, 498.8032

■ 49.3137, 50.8259,
55.4878

113.8975,
117.9818, 128.7198

■ 35.0840, 36.0701,
39.3912

143.9415,
149.2779, 162.8397

■ 23.8944, 24.4883,
26.7540

178.8524,
185.6700, 202.5117

■ 15.3796, 15.6962,
17.1577

218.9956,
227.5426, 248.1544

■ 9.1743, 9.3095,
10.1839

264.7365,
275.2800, 300.1864

■ 4.9131, 4.9436,
5.4138

316.4404,

■ 2.2306, 2.2142,

329.2667, 359.0261

2.4291

374.4726,
389.8870, 425.0922

■ 0.7588, 0.7277,
0.8022

■ 0.0000, 0.0000,
0.0000

■ 66.9490, 69.1402,
75.4624

■ 66.9490, 69.1402,
75.4624

■ 59.7101, 57.8071,
63.3529

■ 75.1573, 82.0928,
88.8757

■ 53.3985, 48.0208,
52.5030

■ 82.9419, 93.8727,
103.1521

■ 47.9776, 39.7166,
42.8727

■ 83.9346, 94.2698,
108.3798

■ 43.4060, 32.8217,
34.4181

■ 39.6391, 27.2569,
27.0925

■ 36.6281, 22.9353,
20.8461

■ 34.3183, 19.7596,
15.6248

■ 32.6475, 17.6177,
11.3695

■ 31.5414, 16.3745,
8.0138

Harmonies

Analogous

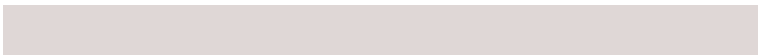
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7511, 69.1402, 77.2094



66.9490, 69.1402, 75.4624



66.8147, 69.1402, 73.6943

Triad

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



66.9490, 69.1402, 75.4624



65.1590, 69.1402, 72.1950



65.0506, 69.1402, 78.2704

Complementary

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



66.9490, 69.1402, 75.4624



67.0665, 71.8587, 78.0491

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.



64.6288, 69.1402, 76.8922



66.9490, 69.1402, 75.4624



64.6911, 69.1402, 73.3868

Square

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



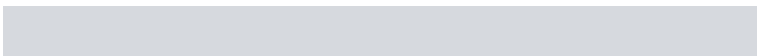
66.9490, 69.1402, 75.4624



65.7787, 69.1402, 71.8259



64.4976, 69.1402, 75.1017



65.6527, 69.1402, 78.8470

Rectangle

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



66.9490, 69.1402, 75.4624



66.5553, 69.1402, 72.7380



64.4976, 69.1402, 75.1017



64.8831, 69.1402, 77.8844

Sweetspot

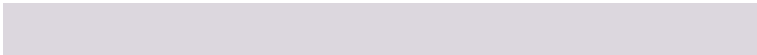
The Sweet Spot groups the original color and five complimentary colors.



66.9510, 69.1432, 75.4639



93.9498, 98.2670, 107.0926



66.9725, 69.0780, 78.9117



20.1207, 21.0514, 22.9413



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.



66.9510, 69.1432, 75.4639



90.7303, 93.2032, 101.7795



67.0506, 69.7556, 74.2238



14.6396, 14.9748, 16.3595



18.4733, 9.4563, 3.8923



1.3183, 0.6706, 0.4692

Inverse Universe

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



66.9510, 69.1432, 75.4639



90.7303, 93.2032, 101.7795



66.9624, 71.2249, 79.3267



14.6396, 14.9748, 16.3595



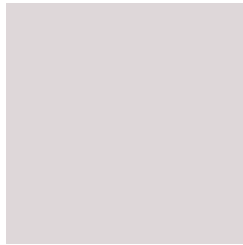
18.4733, 9.4563, 3.8923



1.3183, 0.6706, 0.4692

Previews

White Background



This preview shows how the XYZ color 66.9490, 69.1402, 75.4624 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 66.9490, 69.1402, 75.4624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

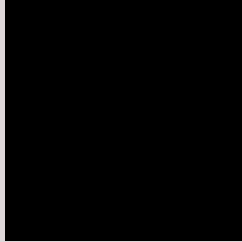
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

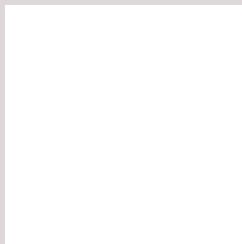
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9490, 69.1402, 75.4624

Background



This preview shows how black text looks on a background with the XYZ color 66.9490, 69.1402, 75.4624.

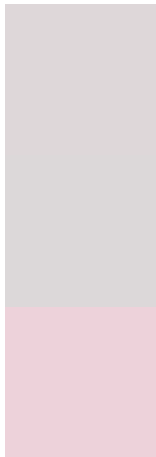


This preview shows how white text looks on a background with the XYZ color 66.9490, 69.1402,

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

66.9490, 69.1402, 75.4624

Protanopia

66.5955, 69.3371, 75.5191

Deuteranopia

70.6265, 69.1597, 75.9564



Tritanopia

68.8176, 69.1490, 84.5829

Trichromacy



Original Color

66.9490, 69.1402, 75.4624

Protanomaly

66.8990, 69.4936, 75.5333

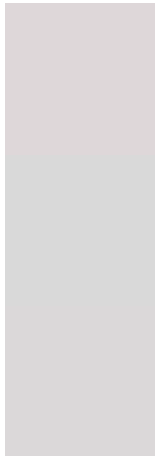
Deuteranomaly

69.4771, 69.3047, 76.0450

Tritanomaly

68.0686, 69.2174, 81.0068

Monochromacy



Original Color

66.9490, 69.1402, 75.4624

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2937, 69.1816, 75.5050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9490, 69.1402, 75.4624 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(222, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 215, 217) }
```

Border

The CSS property to change the border of an element to XYZ 66.9490, 69.1402, 75.4624 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(222, 215, 217) }
```


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

```
.border{ border-color:rgb(222, 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(222, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 215,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9490, 69.1402, 75.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 215, 217) }
```

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

```
.background{ background-color: rgb(222,  
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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