

Converting Colors

XYZ(68.7010, 69.5723, 76.4181)

Have a look what the booklet for
XYZ(68.7010, 69.5723, 76.4181)
contains.

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Color

**XYZ(68.6964, 69.6491,
76.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D6DA
RGB	228, 214, 218
RGB Percent	89%, 84%, 85%
CMY	0.1059, 0.1608, 0.1451
CMYK	0.00, 0.06, 0.04, 0.11
HSL	343°, 21%, 87%
HSV	343°, 6%, 89%
XYZ	68.6964, 69.6491, 76.1526
YIQ	218.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

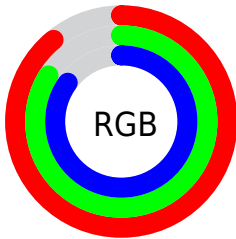
Format	Color
R _Y B	228, 214, 218
Decimal	14997210
CIE Lab	86.82, 5.50, -0.25
CIE LCh	87, 5.509, 357.437
Yxy	69.6491, 0.3203, 0.3247
Android (android.graphics.Color)	4293187290 (0xFFE4D6DA)
YUV	218.6420, -0.3165, 8.2070
Hunter-Lab	83.4560, 0.8833, 4.3178

Details

The XYZ color **68.6964, 69.6491, 76.1526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9322, 75.1666, 81.4003**, and the grayscale version is **67.0844, 70.5780, 76.8594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2426, 36.3249, 39.7515** is the 20% darker color. If you saturate the color by 10%, you get **61.2974, 58.0960, 63.6809**, and if you desaturate by 10%, it is **77.1165, 82.9074, 90.0002**.

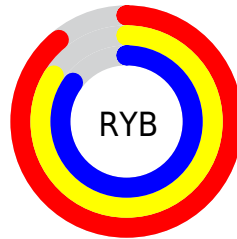
Distribution



Red (89%)

Green (84%)

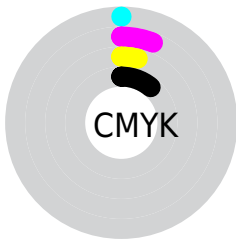
Blue (85%)



Red (89%)

Yellow (84%)

Blue (85%)

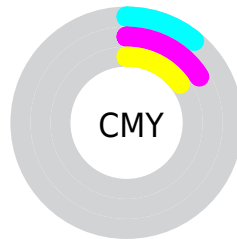


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6964, 69.6491, 76.1526 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 68.6964, 69.6491, 76.1526 by changing the saturation by 10% instead.

68.6964, 69.6491,
76.1526

68.6964, 69.6491,
76.1526

445.2976,
459.3170, 501.2306

50.7402, 51.2405,
56.0502

116.3843,
118.7082, 129.7047

36.2221, 36.4001,
39.8389

146.8467,
150.1275, 163.9914

24.7767, 24.7433,
27.1002

182.2086,
186.6525, 203.8434

16.0386, 15.8859,
17.4154

222.8353,
228.6677, 249.6792

9.6425, 9.4435,
10.3660

269.0923,
276.5573, 301.9173

5.2230, 5.0316,
5.5335

321.3447,

2.4148, 2.2658,

330.7058, 360.9762

2.4994

379.9580,
391.4975, 427.2744

■ 0.8525, 0.7555,
0.8398

■ 0.0000, 0.0000,
0.0000

■ 68.6964, 69.6491,
76.1526

■ 68.6964, 69.6491,
76.1526

■ 61.2974, 58.0960,
63.6809

■ 77.1165, 82.9074,
90.0002

■ 54.8744, 48.1699,
52.5377

■ 85.1021, 94.9529,
104.7643

■ 49.3871, 39.7999,
42.6795

■ 85.8053, 95.2342,
108.4674

■ 44.7907, 32.9064,
34.0586

■ 41.0361, 27.4027,
26.6243

■ 38.0695, 23.1930,
20.3222

■ 35.8305, 20.1692,
15.0930

■ 34.2494, 18.2053,
10.8717

■ 33.2407, 17.1453,
7.5842

Harmonies

Analogous

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



68.3019, 69.6491, 79.7054



68.6964, 69.6491, 76.1526



68.4147, 69.6491, 72.6246

Triad

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



68.6964, 69.6491, 76.1526



65.0683, 69.6491, 69.7325



64.8795, 69.6491, 81.9523

Complementary

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



68.6964, 69.6491, 76.1526



68.9322, 75.1666, 81.4003

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.



64.0324, 69.6491, 79.1407



68.6964, 69.6491, 76.1526



64.1404, 69.6491, 72.0939

Square

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



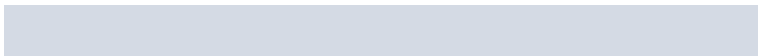
68.6964, 69.6491, 76.1526



66.3098, 69.6491, 68.9898



63.7636, 69.6491, 75.5203



66.0891, 69.6491, 83.1208

Rectangle

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



68.6964, 69.6491, 76.1526



67.8833, 69.6491, 70.7468



63.7636, 69.6491, 75.5203



64.5435, 69.6491, 81.1637

Sweetspot

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



68.6984, 69.6521, 76.1541



92.8633, 96.5566, 105.3043



68.7310, 69.5132, 83.1946



19.8995, 20.7031, 22.5772



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.



68.6984, 69.6521, 76.1541



87.6317, 88.3409, 96.6314



68.8962, 70.8746, 73.6709



14.8642, 14.9344, 16.3399



19.0718, 9.7629, 4.0071



1.4484, 0.7371, 0.5016

Inverse Universe

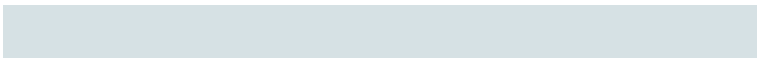
The Inverse Universe completely reimagines the original color for something new.



68.6984, 69.6521, 76.1541



87.6317, 88.3409, 96.6314



68.7168, 73.8583, 84.0341



14.8642, 14.9344, 16.3399



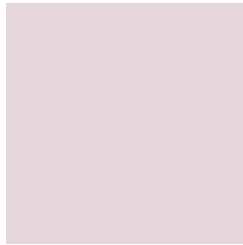
19.0718, 9.7629, 4.0071



1.4484, 0.7371, 0.5016

Previews

White Background



This preview shows how the XYZ color 68.6964, 69.6491, 76.1526 looks on a white background.

Color Contrast Check

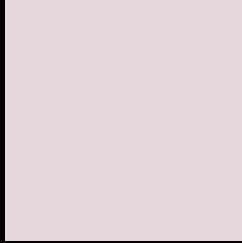
Large Text (above 18pt) WCAG AA × Fail

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 68.6964, 69.6491, 76.1526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

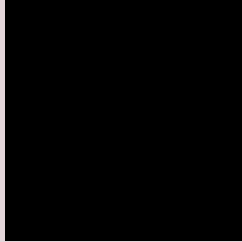
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

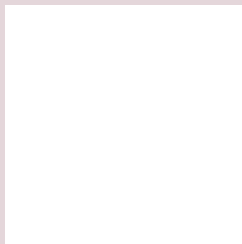
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.6964, 69.6491, 76.1526

Background



This preview shows how black text looks on a background with the XYZ color 68.6964, 69.6491, 76.1526.

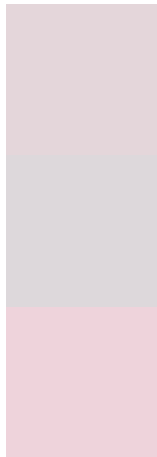


This preview shows how white text looks on a background with the XYZ color 68.6964, 69.6491,

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

68.6964, 69.6491, 76.1526

Protanopia

67.1608, 69.5984, 76.9119

Deuteranopia

71.3403, 69.8801, 76.7460



Tritanopia

70.3195, 69.5671, 83.8503

Trichromacy



Original Color

68.6964, 69.6491, 76.1526

Protanomaly

67.8271, 69.5626, 76.8699

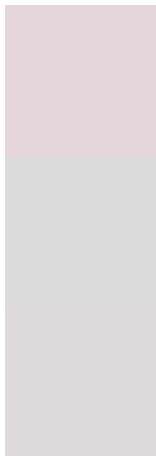
Deuteranomaly

70.2614, 69.6939, 76.7669

Tritanomaly

69.6980, 69.6828, 81.0108

Monochromacy



Original Color

68.6964, 69.6491, 76.1526

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.7232, 70.2698, 77.0119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6964, 69.6491, 76.1526 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(228, 214, 218)` looks like.

```
.text, #text, p{  
    color:rgb(228, 214, 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(228, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 214, 218) }
```

Border

The CSS property to change the border of an element to XYZ 68.6964, 69.6491, 76.1526 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(228, 214, 218) }
```


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

```
.border{ border-color:rgb(228, 214, 218) }
```

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

Here you see how a box with a 4 pixel rgb(228, 214, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(228, 214,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6964, 69.6491, 76.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 214, 218) }
```

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

```
.background{ background-color: rgb(228,  
214, 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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