

Converting Colors

XYZ(68.0405, 72.8460, 74.0929)

Have a look what the booklet for
XYZ(68.0405, 72.8460, 74.0929)
contains.

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Color

**XYZ(68.0405, 72.8460,
74.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDFD6
RGB	220, 223, 214
RGB Percent	86%, 87%, 84%
CMY	0.1372, 0.1255, 0.1608
CMYK	0.01, 0.00, 0.04, 0.13
HSL	80°, 12%, 86%
HSV	80°, 4%, 87%
XYZ	68.0405, 72.8460, 74.0929
YIQ	221.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

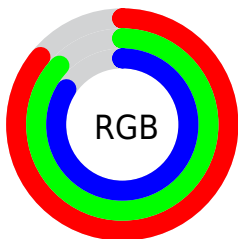
Format	Color
RYB	214, 223, 217
Decimal	14475222
CIELab	88.37, -2.61, 4.04
CIELCh	88, 4.810, 122.845
Yxy	72.8460, 0.3165, 0.3389
Android (android.graphics.Color)	4292665302 (0xFFDCDFD6)
YUV	221.0770, -3.4890, -0.9445
Hunter-Lab	85.3499, -7.0629, 8.2748

Details

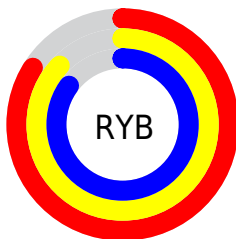
The XYZ color **68.0405, 72.8460, 74.0929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9838, 68.1745, 79.4970**, and the grayscale version is **68.8062, 72.3895, 78.8322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7777, 38.5078, 38.3480** is the 20% darker color. If you saturate the color by 10%, you get **63.1840, 70.6514, 60.0026**, and if you desaturate by 10%, it is **73.3913, 75.2546, 90.2447**.

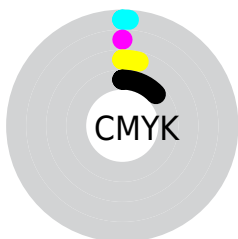
Distribution



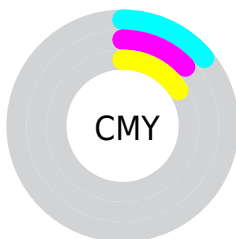
- Red (86%)
- Green (87%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0405, 72.8460, 74.0929 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 68.0405, 72.8460, 74.0929 by changing the saturation by 10% instead.

■ 68.0405, 72.8460,
74.0929

■ 68.0405, 72.8460,
74.0929

443.0140,
470.4809, 493.9659

■ 50.2045, 53.8500,
54.3728

115.4517,
123.2586, 126.7627

■ 35.7944, 38.4818,
38.5046

145.7575,
155.4440, 160.5496

■ 24.4448, 26.3568,
26.0697

180.9507,
192.7946, 199.8625

■ 15.7904, 17.0908,
16.6496

221.3966,
235.6950, 245.1199

■ 9.4659, 10.2992,
9.8256

267.4605,
284.5294, 296.7404

■ 5.1058, 5.5978,
5.1794

319.5078,

■ 2.3449, 2.6021,

339.6822, 355.1426

2.2923

377.9038,
401.5379, 420.7449

■ 0.8175, 0.9277,
0.7269

■ 0.0000, 0.0000,
0.0000

■ 68.0405, 72.8460,
74.0929

■ 68.0405, 72.8460,
74.0929

■ 63.1840, 70.6514,
60.0026

■ 73.3913, 75.2546,
90.2447

■ 58.7987, 68.6543,
47.8862

■ 78.6607, 77.6401,
105.4479

■ 54.8684, 66.8505,
37.6565

■ 81.1672, 78.9322,
105.5652

■ 51.3738, 65.2321,
29.2183

■ 83.7776, 80.2779,
105.6874

■ 48.2937, 63.7905,
22.4680

■ 85.6791, 81.2581,
105.7764

■ 45.6052, 62.5163,
17.2911

■ 43.2823, 61.3990,
13.5594

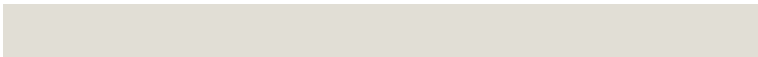
■ 41.2955, 60.4266,
11.1240

■ 39.6088, 59.5845,
9.8043

Harmonies

Analogous

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



69.1278, 72.8460, 73.1330



68.0405, 72.8460, 74.0929



67.2808, 72.8460, 76.4496

Triad

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



68.0405, 72.8460, 74.0929



68.2294, 72.8460, 85.1113



71.4796, 72.8460, 79.0017

Complementary

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



68.0405, 72.8460, 74.0929



65.9838, 68.1745, 79.4970

Split Complementary

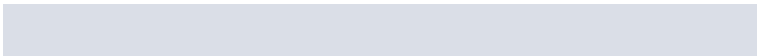
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2327, 72.8460, 82.2550



68.0405, 72.8460, 74.0929



69.3482, 72.8460, 85.8399

Square

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



68.0405, 72.8460, 74.0929



67.3890, 72.8460, 82.8165



70.4493, 72.8460, 84.7809



71.1204, 72.8460, 75.9173

Rectangle

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



68.0405, 72.8460, 74.0929



67.0579, 72.8460, 78.5274



70.4493, 72.8460, 84.7809



71.4647, 72.8460, 80.1117

Sweetspot

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



68.0425, 72.8491, 74.0945



94.3298, 99.6759, 106.7374



67.3844, 70.1711, 73.6123



20.1981, 21.3382, 22.8690



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.



68.0425, 72.8491, 74.0945



91.5170, 98.4080, 98.3726



66.6989, 72.1565, 74.0316



14.8149, 15.9742, 15.7936



22.8854, 34.8304, 5.5167



1.6801, 2.4626, 0.3868

Inverse Universe

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



65.9838, 68.1745, 79.4970



88.0595, 90.5572, 107.4458



67.3396, 68.8734, 79.5605



14.1848, 14.5433, 17.4472



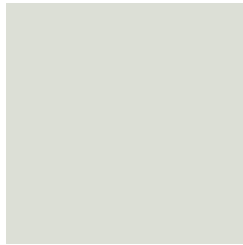
9.6174, 4.0533, 41.3238



0.7593, 0.3287, 2.8687

Previews

White Background



This preview shows how the XYZ color 68.0405, 72.8460, 74.0929 looks on a white background.

Color Contrast Check

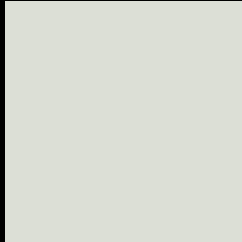
Large Text (above 18pt) WCAG AA × Fail

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 68.0405, 72.8460, 74.0929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

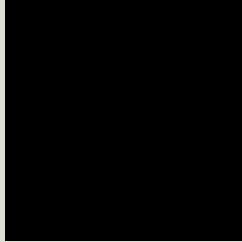
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

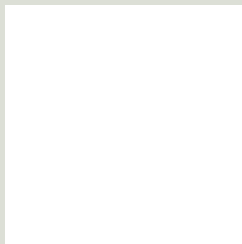
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0405, 72.8460, 74.0929

Background



This preview shows how black text looks on a background with the XYZ color 68.0405, 72.8460, 74.0929.

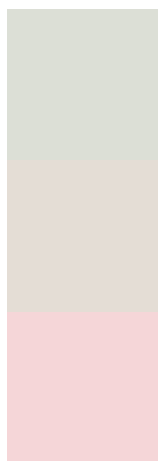


This preview shows how white text looks on a background with the XYZ color 68.0405, 72.8460,

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

68.0405, 72.8460, 74.0929

Protanopia

69.8616, 73.0110, 73.3612

Deuteranopia

74.0974, 72.4635, 75.0472



Tritanopia

71.3107, 72.9888, 90.4505

Trichromacy



Original Color

68.0405, 72.8460, 74.0929

Protanomaly

69.1829, 73.0542, 73.4053

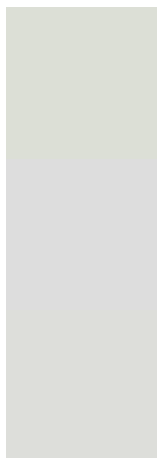
Deuteranomaly

71.6707, 72.3649, 74.4803

Tritanomaly

70.1235, 72.8996, 84.5039

Monochromacy



Original Color

68.0405, 72.8460, 74.0929

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5950, 72.6767, 76.7423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0405, 72.8460, 74.0929 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(220, 223, 214) looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 214)  
}
```

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(220, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 214) }
```

Border

The CSS property to change the border of an element to XYZ 68.0405, 72.8460, 74.0929 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(220, 223, 214) }
```


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

```
.border{ border-color:rgb(220, 223, 214) }
```

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

Here you see how a box with a 4 pixel rgb(220, 223, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 223,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0405, 72.8460, 74.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 214) }
```

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

```
.background{ background-color: rgb(220,  
223, 214) }
```

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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