

Converting Colors

XYZ(68.9521, 74.8254, 75.0976)

Have a look what the booklet for
XYZ(68.9521, 74.8254, 75.0976)
contains.

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Color

**XYZ(68.9482, 74.9045,
75.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE3D7
RGB	219, 227, 215
RGB Percent	86%, 89%, 84%
CMY	0.1412, 0.1098, 0.1569
CMYK	0.04, 0.00, 0.05, 0.11
HSL	100°, 18%, 87%
HSV	100°, 5%, 89%
XYZ	68.9482, 74.9045, 75.1140
YIQ	223.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

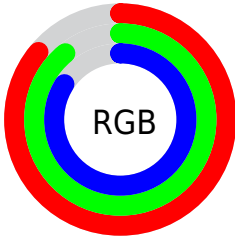
Format	Color
R _Y B	215, 227, 223
Decimal	14410711
CIE Lab	89.35, -4.83, 4.92
CIE LCh	89, 6.889, 134.477
Yxy	74.9045, 0.3149, 0.3421
Android (android.graphics.Color)	4292600791 (0xFFDBE3D7)
YUV	223.2400, -4.0623, -3.7185
Hunter-Lab	86.5474, -9.2554, 9.1257

Details

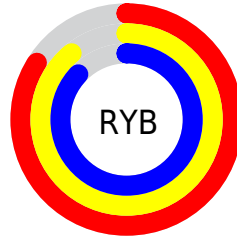
The XYZ color **68.9482, 74.9045, 75.1140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5999, 69.8369, 82.5412**, and the grayscale version is **70.3400, 74.0032, 80.5895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4075, 39.9356, 39.0472** is the 20% darker color. If you saturate the color by 10%, you get **61.8831, 71.5785, 60.5987**, and if you desaturate by 10%, it is **76.8364, 78.6124, 91.7837**.

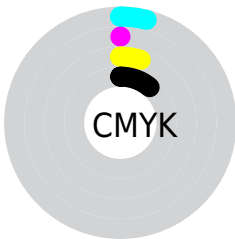
Distribution



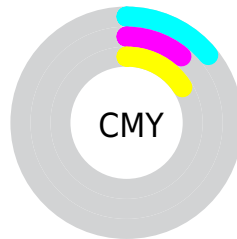
- Red (86%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9482, 74.9045, 75.1140 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 68.9482, 74.9045, 75.1140 by changing the saturation by 10% instead.

■ 68.9482, 74.9045,
75.1140

■ 68.9482, 74.9045,
75.1140

446.1725,
477.5893, 497.5752

■ 50.9460, 55.5347,
55.2040

116.7421,
126.1772, 128.2223

■ 36.3865, 39.8300,
39.1654

147.2644,
158.8488, 162.2577

■ 24.9043, 27.4060,
26.5796

182.6909,
196.7231, 201.8386

■ 16.1342, 17.8784,
17.0281

223.3869,
240.1845, 247.3836

■ 9.7106, 10.8627,
10.0923

269.7177,
289.6175, 299.3112

■ 5.2683, 5.9746,
5.3538

322.0486,

■ 2.4419, 2.8296,

345.4063, 358.0400

2.3940

380.7451,
407.9354, 423.9885

■ 0.8660, 1.0434,
0.7832

■ 0.0000, 0.0000,
0.0000

■ 68.9482, 74.9045,
75.1140

■ 68.9482, 74.9045,
75.1140

■ 61.8831, 71.5785,
60.5987

■ 76.8364, 78.6124,
91.7837

■ 55.6073, 68.6123,
48.1451

■ 84.6854, 82.3513,
106.0397

■ 50.0938, 65.9963,
37.6610

■ 86.7605, 83.4211,
106.1368

■ 45.3114, 63.7166,
29.0454

■ 41.2268, 61.7585,
22.1882

■ 37.8039, 60.1059,
16.9679

■ 35.0025, 58.7412,
13.2473

■ 32.7777, 57.6447,
10.8672

■ 31.0763, 56.7931,
9.6318

Harmonies

Analogous

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



70.3875, 74.9045, 72.8985



68.9482, 74.9045, 75.1140



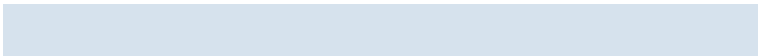
68.1177, 74.9045, 79.0997

Triad

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



68.9482, 74.9045, 75.1140



70.3308, 74.9045, 90.8309



74.3784, 74.9045, 79.2602

Complementary

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



68.9482, 74.9045, 75.1140



68.5999, 69.8369, 82.5412

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.



74.3626, 74.9045, 84.0672



68.9482, 74.9045, 75.1140



72.0076, 74.9045, 90.8780

Square

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



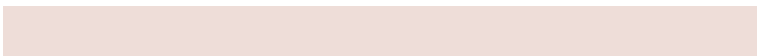
68.9482, 74.9045, 75.1140



68.9073, 74.9045, 88.2346



73.4890, 74.9045, 88.3610



73.5318, 74.9045, 75.2275

Rectangle

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



68.9482, 74.9045, 75.1140



68.0125, 74.9045, 82.2848



73.4890, 74.9045, 88.3610



74.4741, 74.9045, 80.8360

Sweetspot

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



68.9503, 74.9077, 75.1156



92.9996, 99.0366, 104.5747



70.3349, 74.0157, 74.8705



19.9273, 21.2080, 22.4286



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.



68.9503, 74.9077, 75.1156



89.0294, 97.1696, 96.2679



68.0200, 74.3983, 76.4224



15.0965, 16.5364, 16.2283



17.8521, 32.9846, 5.4258



1.4149, 2.4868, 0.4054

Inverse Universe

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



68.5999, 69.8369, 82.5412



88.5111, 89.6696, 107.2507



69.5723, 70.3700, 81.1534



14.9999, 15.1382, 18.2757



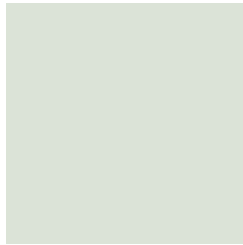
15.6972, 7.1581, 42.9375



1.2575, 0.5792, 3.1775

Previews

White Background



This preview shows how the XYZ color 68.9482, 74.9045, 75.1140 looks on a white background.

Color Contrast Check

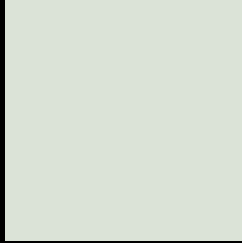
Large Text (above 18pt) WCAG AA × Fail

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 68.9482, 74.9045, 75.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

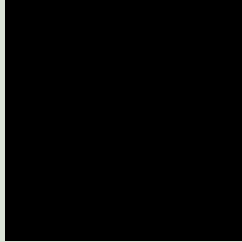
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

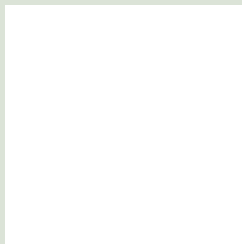
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9482, 74.9045, 75.1140

Background



This preview shows how black text looks on a background with the XYZ color 68.9482, 74.9045, 75.1140.

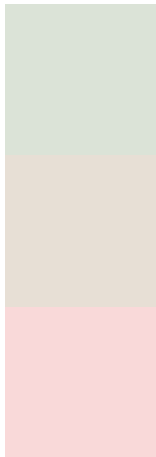


This preview shows how white text looks on a background with the XYZ color 68.9482, 74.9045,

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

68.9482, 74.9045, 75.1140

Protanopia

71.3529, 74.5684, 73.5832

Deuteranopia

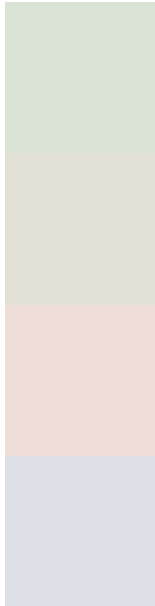
76.4042, 74.7752, 76.0518



Tritanopia

72.6963, 74.8142, 93.8282

Trichromacy



Original Color

68.9482, 74.9045, 75.1140

Protanomaly

70.4718, 74.4972, 74.2835

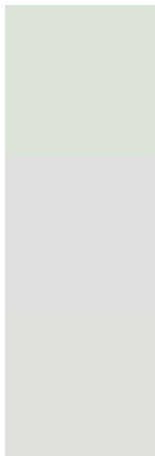
Deuteranomaly

73.5110, 74.8479, 75.5384

Tritanomaly

71.3453, 74.6671, 86.9958

Monochromacy



Original Color

68.9482, 74.9045, 75.1140

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.6981, 74.0082, 78.3217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9482, 74.9045, 75.1140 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(219, 227, 215) looks like.

```
.text, #text, p{  
    color:rgb(219, 227, 215)  
}
```

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(219, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 215) }
```

Border

The CSS property to change the border of an element to XYZ 68.9482, 74.9045, 75.1140 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(219, 227, 215) }
```


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

```
.border{ border-color:rgb(219, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(219, 227,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9482, 74.9045, 75.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 227, 215) }
```

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

```
.background{ background-color: rgb(219,  
227, 215) }
```

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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