

Converting Colors

XYZ(69.4985, 76.0050, 75.2974)

Have a look what the booklet for
XYZ(69.4985, 76.0050, 75.2974)
contains.

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Color

**XYZ(69.4985, 76.0050,
75.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE5D7
RGB	219, 229, 215
RGB Percent	86%, 90%, 84%
CMY	0.1412, 0.1019, 0.1569
CMYK	0.04, 0.00, 0.06, 0.10
HSL	103°, 21%, 87%
HSV	103°, 6%, 90%
XYZ	69.4985, 76.0050, 75.2974
YIQ	224.4140, -1.4660, -6.4740

Conversions

Conversions Part 2

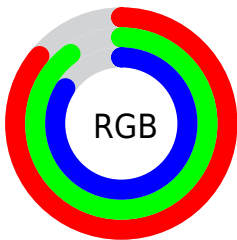
Format	Color
RYB	215, 229, 225
Decimal	14411223
CIELab	89.86, -5.85, 5.66
CIELCh	90, 8.136, 135.949
Yxy	76.0050, 0.3148, 0.3442
Android (android.graphics.Color)	4292601303 (0xFFD8E5D7)
YUV	224.4140, -4.6411, -4.7481
Hunter-Lab	87.1808, -10.2705, 9.8183

Details

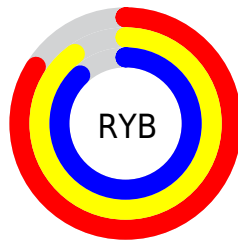
The XYZ color **69.4985, 76.0050, 75.2974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4975, 70.2676, 84.0327**, and the grayscale version is **71.1824, 74.8895, 81.5546**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7911, 40.7027, 39.1750** is the 20% darker color. If you saturate the color by 10%, you get **62.0776, 72.4981, 60.6496**, and if you desaturate by 10%, it is **77.8193, 79.9326, 92.1406**.

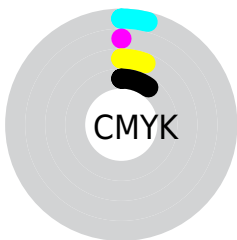
Distribution



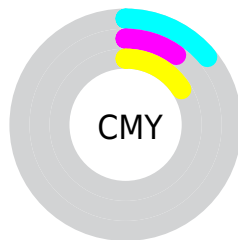
- Red (86%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4985, 76.0050, 75.2974 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 69.4985, 76.0050, 75.2974 by changing the saturation by 10% instead.

■ 69.4985, 76.0050,
75.2974

■ 69.4985, 76.0050,
75.2974

448.0811,
481.3648, 498.2218

■ 51.3959, 56.4366,
55.3534

117.5235,
127.7340, 128.4842

■ 36.7461, 40.5531,
39.2842

148.1766,
160.6633, 162.5641

■ 25.1837, 27.9700,
26.6714

183.7439,
198.8152, 202.1930

■ 16.3435, 18.3031,
17.0963

224.5908,
242.5738, 247.7895

■ 9.8599, 11.1678,
10.1405

271.0826,
292.3237, 299.7720

■ 5.3677, 6.1798,
5.3854

323.5847,

■ 2.5016, 2.9547,

348.4493, 358.5593

2.4124

382.4624,
411.3348, 424.5697

■ 0.8960, 1.1081,
0.7932

■ 0.0000, 0.0000,
0.0000

■ 69.4985, 76.0050,
75.2974

■ 69.4985, 76.0050,
75.2974

■ 62.0776, 72.4981,
60.6496

■ 77.8193, 79.9326,
92.1406

■ 55.5195, 69.3882,
48.1020

■ 86.1145, 83.9049,
106.2643

■ 49.7934, 66.6637,
37.5596

■ 87.3108, 84.5216,
106.3203

■ 44.8645, 64.3090,
28.9185

■ 40.6953, 62.3070,
22.0652

■ 37.2450, 60.6396,
16.8741

■ 34.4686, 59.2867,
13.2034

■ 32.3152, 58.2256,
10.8876

■ 30.7246, 57.4298,
9.7212

Harmonies

Analogous

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



71.1838, 76.0050, 72.5647



69.4985, 76.0050, 75.2974



68.5562, 76.0050, 80.0984

Triad

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



69.4985, 76.0050, 75.2974



71.3063, 76.0050, 93.9637



76.0202, 76.0050, 79.7526

Complementary

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



69.4985, 76.0050, 75.2974



69.4975, 70.2676, 84.0327

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.



76.0545, 76.0050, 85.4728



69.4985, 76.0050, 75.2974



73.3075, 76.0050, 93.8605

Square

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



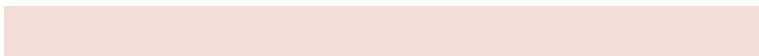
69.4985, 76.0050, 75.2974



69.5867, 76.0050, 90.9684



75.0536, 76.0050, 90.6927



74.9609, 76.0050, 75.0543

Rectangle

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



69.4985, 76.0050, 75.2974



68.4646, 76.0050, 83.9088



75.0536, 76.0050, 90.6927



76.1526, 76.0050, 81.6148

Sweetspot

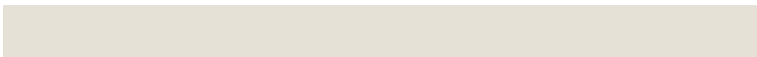
The Sweet Spot groups the original color and five complimentary colors.



69.5006, 76.0083, 75.2991



92.9119, 98.9914, 104.5706



71.4531, 75.3099, 75.0614



19.9094, 21.1988, 22.4277



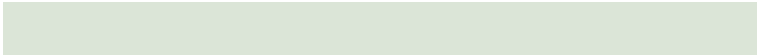
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5006, 76.0083, 75.2991



87.7713, 96.5644, 94.2485



68.6746, 75.5405, 77.1554



14.8892, 16.4364, 15.9065



17.3845, 32.7435, 5.4039



1.3738, 2.4656, 0.4035

Inverse Universe

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



69.4975, 70.2676, 84.0327



87.7667, 88.1811, 107.0026



70.3712, 70.7628, 82.0484



14.8884, 14.9049, 18.2366



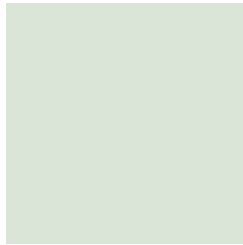
16.9155, 7.7862, 42.9945



1.3403, 0.6219, 3.1814

Previews

White Background



This preview shows how the XYZ color 69.4985, 76.0050, 75.2974 looks on a white background.

Color Contrast Check

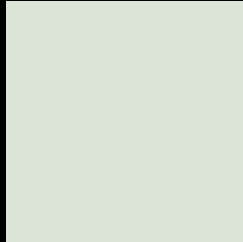
Large Text (above 18pt) WCAG AA × Fail

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 69.4985, 76.0050, 75.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

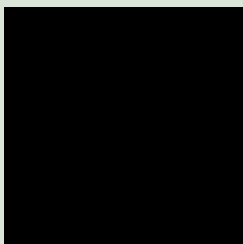
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

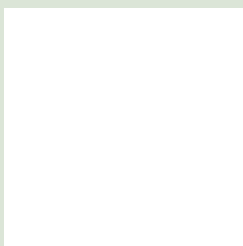
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4985, 76.0050, 75.2974

Background



This preview shows how black text looks on a background with the XYZ color 69.4985, 76.0050, 75.2974.



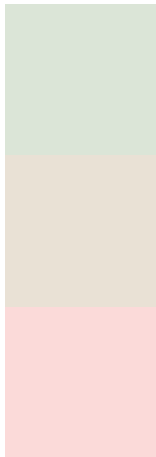
This preview shows how white text looks on a background with the XYZ color 69.4985, 76.0050,

75.2974.

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

69.4985, 76.0050, 75.2974

Protanopia

72.5397, 75.9782, 73.7928

Deuteranopia

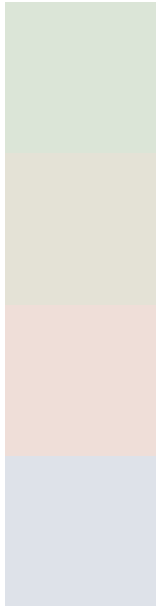
77.3794, 75.6618, 76.1715



Tritanopia

73.5343, 76.0095, 95.5896

Trichromacy



Original Color

69.4985, 76.0050, 75.2974

Protanomaly

71.3289, 75.7417, 74.4785

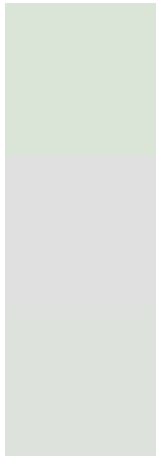
Deuteranomaly

74.1125, 75.5511, 75.6424

Tritanomaly

72.0285, 75.8055, 87.9264

Monochromacy



Original Color

69.4985, 76.0050, 75.2974

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3717, 75.1428, 79.2016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4985, 76.0050, 75.2974 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, 229, 215) looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 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, 229, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 215) }
```

Border

The CSS property to change the border of an element to XYZ 69.4985, 76.0050, 75.2974 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, 229, 215) }
```


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

```
.border{ border-color:rgb(219, 229, 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, 229, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 229, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 229, 215);  
box-shadow:4px 4px 4px 4px rgb(219, 229,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4985, 76.0050, 75.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 215) }
```

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

```
.background{ background-color: rgb(219,  
229, 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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