

Converting Colors

XYZ(68.7867, 76.4327, 73.9575)

Have a look what the booklet for
XYZ(68.7867, 76.4327, 73.9575)
contains.

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Color

**XYZ(68.9051, 76.5549,
74.0957)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D8E7D5 |
| RGB | 216, 231, 213 |
| RGB Percent | 85%, 91%, 84% |
| CMY | 0.1529, 0.0941, 0.1647 |
| CMYK | 0.06, 0.00, 0.08, 0.09 |
| HSL | 110°, 27%, 87% |
| HSV | 110°, 8%, 91% |
| XYZ | 68.9051, 76.5549, 74.0957 |
| YIQ | 224.4630, -3.1620, -8.7780 |

Conversions

Conversions Part 2

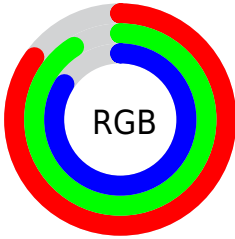
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 231, 228 |
| Decimal | 14215125 |
| CIE Lab | 90.12, -8.23, 7.04 |
| CIE LCh | 90, 10.833, 139.451 |
| Yxy | 76.5549, 0.3138, 0.3487 |
| Android (android.graphics.Color) | 4292405205 (0xFFD8E7D5) |
| YUV | 224.4630, -5.6513, -7.4221 |
| Hunter-Lab | 87.4957, -12.5440, 11.0372 |

Details

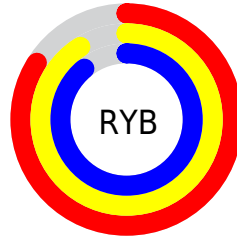
The XYZ color **68.9051, 76.5549, 74.0957** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2160, 69.8541, 85.3877**, and the grayscale version is **71.2254, 74.9347, 81.6039**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1995, 40.7056, 38.2968** is the 20% darker color. If you saturate the color by 10%, you get **60.8214, 72.7048, 59.4864**, and if you desaturate by 10%, it is **78.0772, 80.9222, 90.9393**.

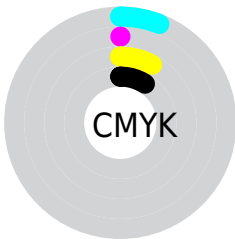
Distribution



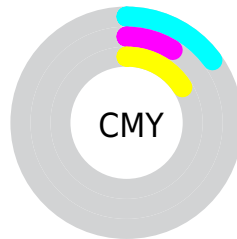
- Red (85%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9051, 76.5549, 74.0957 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 68.9051, 76.5549, 74.0957 by changing the saturation by 10% instead.

68.9051, 76.5549,
74.0957

68.9051, 76.5549,
74.0957

446.0228,
483.2451, 493.9758

50.9108, 56.8876,
54.3751

116.6808,
128.5110, 126.7668

36.3584, 40.9150,
38.5064

147.1930,
161.5686, 160.5543

24.8825, 28.2527,
26.0711

182.6084,
199.8584, 199.8679

16.1178, 18.5162,
16.6506

223.2925,
243.7649, 245.1261

9.6989, 11.3212,
9.8264

269.6107,
293.6724, 296.7475

5.2605, 6.2833,
5.1799

321.9282,

2.4372, 3.0181,

349.9654, 355.1505

2.2926

380.6105,
413.0281, 420.7538

■ 0.8637, 1.1412,
0.7271

■ 0.0000, 0.0129,
0.0000

■ 68.9051, 76.5549,
74.0957

■ 68.9051, 76.5549,
74.0957

■ 60.8214, 72.7048,
59.4864

■ 78.0772, 80.9222,
90.9393

■ 53.7792, 69.3432,
47.0128

■ 87.6854, 85.5410,
106.4973

■ 47.7377, 66.4534,
36.5763

■ 87.8674, 85.6349,
106.5058

■ 42.6507, 64.0140,
28.0687

■ 38.4686, 62.0020,
21.3717

■ 35.1370, 60.3921,
16.3541

■ 32.5955, 59.1565,
12.8669

■ 30.7753, 58.2634,
10.7350

■ 29.5906, 57.6739,
9.7190

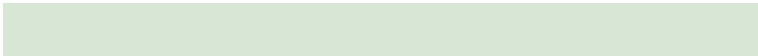
Harmonies

Analogous

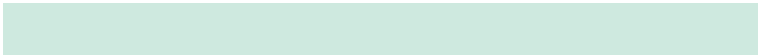
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0551, 76.5549, 70.1592



68.9051, 76.5549, 74.0957



67.7981, 76.5549, 80.6740

Triad

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



68.9051, 76.5549, 74.0957



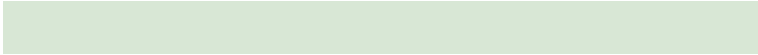
71.8208, 76.5549, 98.7747



77.7476, 76.5549, 78.5214

Complementary

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



68.9051, 76.5549, 74.0957



70.2160, 69.8541, 85.3877

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.



77.9648, 76.5549, 86.0953



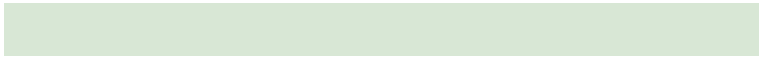
68.9051, 76.5549, 74.0957



74.4983, 76.5549, 98.1101

Square

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



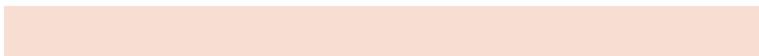
68.9051, 76.5549, 74.0957



69.4537, 76.5549, 95.1194



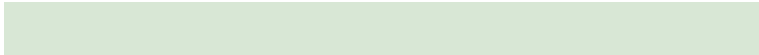
76.7626, 76.5549, 93.3558



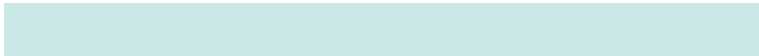
76.1760, 76.5549, 72.6035

Rectangle

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



68.9051, 76.5549, 74.0957



67.7817, 76.5549, 85.8102



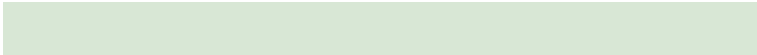
76.7626, 76.5549, 93.3558



77.9828, 76.5549, 80.9476

Sweetspot

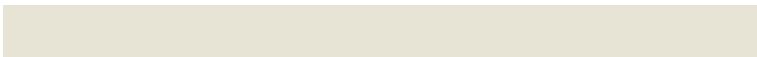
The Sweet Spot groups the original color and five complimentary colors.



68.9072, 76.5582, 74.0974



92.6932, 98.8786, 104.5603



72.7119, 77.2835, 74.0368



19.8649, 21.1759, 22.4257



0.0000, 0.0000, 0.0000



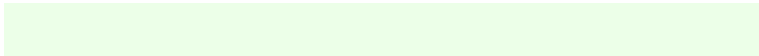
20.3446, 21.4041, 23.3091

Same Dimension

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



68.9072, 76.5582, 74.0974



84.8828, 95.1603, 90.2752



68.8051, 76.4159, 78.1432



14.4120, 16.2039, 15.2725



16.5479, 32.3123, 5.3647



1.2902, 2.4225, 0.3996

Inverse Universe

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



70.2160, 69.8541, 85.3877



86.7679, 85.5033, 106.5384



70.3426, 70.0157, 81.0441



14.7470, 14.4873, 18.1634



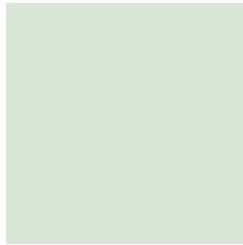
20.4367, 9.6014, 43.1593



1.5731, 0.7419, 3.1923

Previews

White Background



This preview shows how the XYZ color 68.9051, 76.5549, 74.0957 looks on a white background.

Color Contrast Check

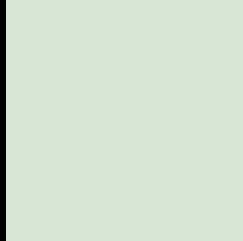
Large Text (above 18pt) WCAG AA × Fail

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 68.9051, 76.5549, 74.0957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

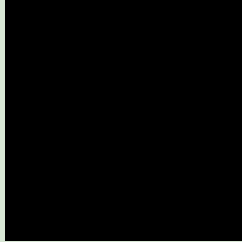
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

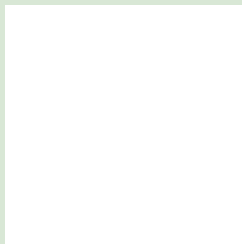
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9051, 76.5549, 74.0957

Background



This preview shows how black text looks on a background with the XYZ color 68.9051, 76.5549, 74.0957.



This preview shows how white text looks on a background with the XYZ color 68.9051, 76.5549,

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

68.9051, 76.5549, 74.0957

Protanopia

72.7609, 76.5383, 71.9112

Deuteranopia

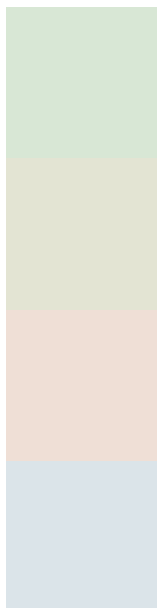
77.7421, 76.2648, 74.9131



Tritanopia

73.3443, 76.2965, 96.4490

Trichromacy



Original Color

68.9051, 76.5549, 74.0957

Protanomaly

71.1798, 76.5208, 72.6464

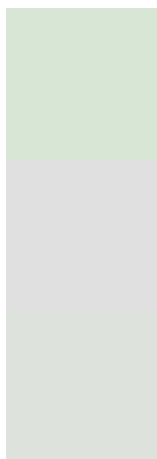
Deuteranomaly

74.1219, 75.9811, 74.3775

Tritanomaly

71.6648, 76.4301, 88.0661

Monochromacy



Original Color

68.9051, 76.5549, 74.0957

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.2061, 75.4776, 78.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9051, 76.5549, 74.0957 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(216, 231, 213) looks like.

```
.text, #text, p{  
    color:rgb(216, 231, 213)  
}
```

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(216, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 231, 213) }
```

Border

The CSS property to change the border of an element to XYZ 68.9051, 76.5549, 74.0957 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(216, 231, 213) }
```


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

```
.border{ border-color:rgb(216, 231, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(216, 231,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9051, 76.5549, 74.0957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 231, 213) }
```

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

```
.background{ background-color: rgb(216,  
231, 213) }
```

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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