

Converting Colors

XYZ(68.4063, 75.1887, 74.0015)

Have a look what the booklet for
XYZ(68.4063, 75.1887, 74.0015)
contains.

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Color

**XYZ(68.3689, 75.0426,
73.8320)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D9E4D5 |
| RGB | 217, 228, 213 |
| RGB Percent | 85%, 89%, 84% |
| CMY | 0.1490, 0.1059, 0.1647 |
| CMYK | 0.05, 0.00, 0.07, 0.11 |
| HSL | 104°, 22%, 86% |
| HSV | 104°, 7%, 89% |
| XYZ | 68.3689, 75.0426, 73.8320 |
| YIQ | 223.0010, -1.7410, -6.9970 |

Conversions

Conversions Part 2

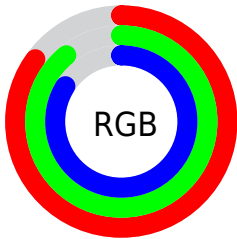
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 228, 224 |
| Decimal | 14279893 |
| CIE Lab | 89.41, -6.37, 6.04 |
| CIE LCh | 89, 8.775, 136.519 |
| Yxy | 75.0426, 0.3147, 0.3454 |
| Android (android.graphics.Color) | 4292469973 (0xFFD9E4D5) |
| YUV | 223.0010, -4.9305, -5.2629 |
| Hunter-Lab | 86.6271, -10.7196, 10.1063 |

Details

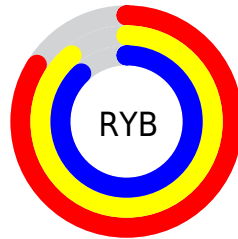
The XYZ color **68.3689, 75.0426, 73.8320** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5412, 69.0392, 83.1161**, and the grayscale version is **70.1765, 73.8312, 80.4022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0154, 40.0371, 38.1775** is the 20% darker color. If you saturate the color by 10%, you get **60.9551, 71.5340, 59.4253**, and if you desaturate by 10%, it is **76.6975, 78.9801, 90.4085**.

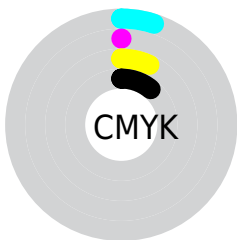
Distribution



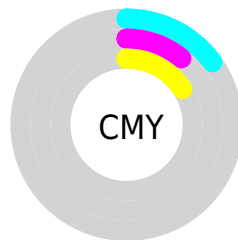
- Red (85%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3689, 75.0426, 73.8320 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 68.3689, 75.0426, 73.8320 by changing the saturation by 10% instead.

68.3689, 75.0426,
73.8320

68.3689, 75.0426,
73.8320

444.1582,
478.0640, 493.0412

50.4727, 55.6478,
54.1606

115.9187,
126.3727, 126.3895

36.0085, 39.9206,
38.3360

146.3031,
159.0767, 160.1126

24.6109, 27.4766,
25.9397

181.5808,
196.9859, 199.3567

15.9146, 17.9315,
16.5532

222.1173,
240.4848, 244.5404

9.5542, 10.9008,
9.7579

268.2780,
289.9576, 296.0822

5.1644, 6.0002,
5.1352

320.4281,

2.3798, 2.8452,

345.7888, 354.4005

2.2667

378.9330,
408.3628, 419.9140

■ 0.8350, 1.0515,
0.7125

■ 0.0000, 0.0000,
0.0000

■ 68.3689, 75.0426,
73.8320

■ 68.3689, 75.0426,
73.8320

■ 60.9551, 71.5340,
59.4253

■ 76.6975, 78.9801,
90.4085

■ 54.4181, 68.4303,
47.0939

■ 85.3792, 83.1162,
106.1508

■ 48.7263, 65.7192,
36.7436

■ 87.0349, 83.9697,
106.2283

■ 43.8436, 63.3846,
28.2709

■ 39.7314, 61.4089,
21.5632

■ 36.3478, 59.7732,
16.4954

■ 33.6461, 58.4566,
12.9263

■ 31.5739, 57.4357,
10.6908

■ 30.0682, 56.6825,
9.5800

Harmonies

Analogous

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



70.1571, 75.0426, 70.8787



68.3689, 75.0426, 73.8320



67.3820, 75.0426, 78.9804

Triad

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



68.3689, 75.0426, 73.8320



70.3667, 75.0426, 93.7670



75.3616, 75.0426, 78.3893

Complementary

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



68.3689, 75.0426, 73.8320



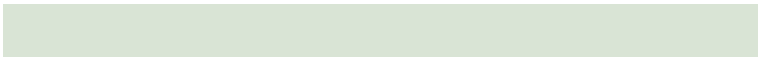
68.5412, 69.0392, 83.1161

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.



75.4205, 75.0426, 84.4989



68.3689, 75.0426, 73.8320



72.5073, 75.0426, 93.5891

Square

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



68.3689, 75.0426, 73.8320



68.5196, 75.0426, 90.6010



74.3666, 75.0426, 90.1264



74.2074, 75.0426, 73.4180

Rectangle

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



68.3689, 75.0426, 73.8320



67.2981, 75.0426, 83.0598



74.3666, 75.0426, 90.1264



75.5110, 75.0426, 80.3722

Sweetspot

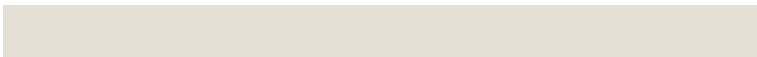
The Sweet Spot groups the original color and five complimentary colors.



68.3710, 75.0458, 73.8336



92.8769, 98.9733, 104.5689



70.6639, 74.6127, 73.6292



19.9023, 21.1951, 22.4274



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.



68.3710, 75.0458, 73.8336



86.6458, 96.0270, 92.2630



67.6457, 74.6200, 76.1447



14.5479, 16.2740, 15.2789



17.2195, 32.6585, 5.3962



1.3587, 2.4578, 0.4028

Inverse Universe

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



68.5412, 69.0392, 83.1161



86.9114, 86.6510, 106.7523



69.3143, 69.4934, 80.6406



14.6006, 14.4119, 18.1566



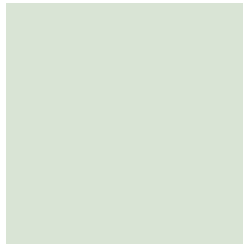
17.4331, 8.0530, 43.0187



1.3751, 0.6399, 3.1830

Previews

White Background



This preview shows how the XYZ color 68.3689, 75.0426, 73.8320 looks on a white background.

Color Contrast Check

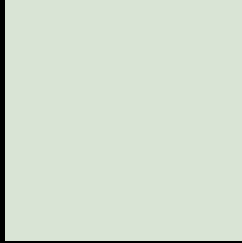
Large Text (above 18pt) WCAG AA × Fail

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 68.3689, 75.0426, 73.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

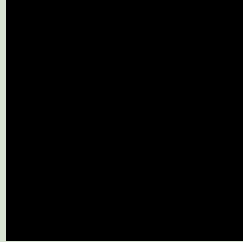
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

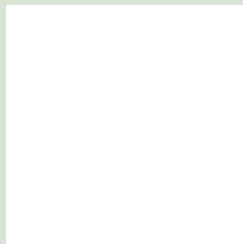
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3689, 75.0426, 73.8320

Background



This preview shows how black text looks on a background with the XYZ color 68.3689, 75.0426, 73.8320.

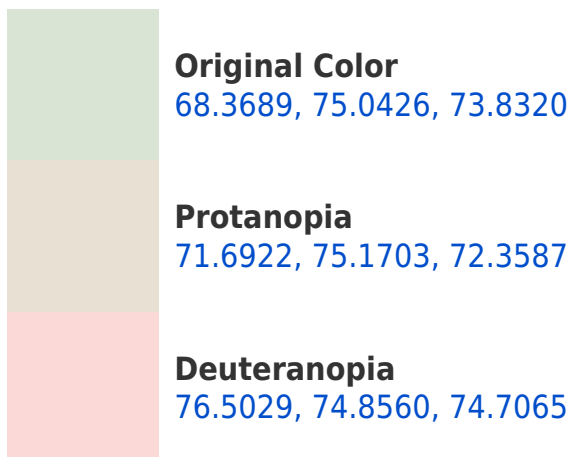


This preview shows how white text looks on a background with the XYZ color 68.3689, 75.0426, 73.8320.

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

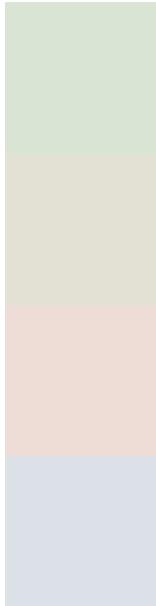




Tritanopia

72.3516, 75.0343, 93.8888

Trichromacy



Original Color

68.3689, 75.0426, 73.8320

Protanomaly

70.4874, 74.9348, 73.0361

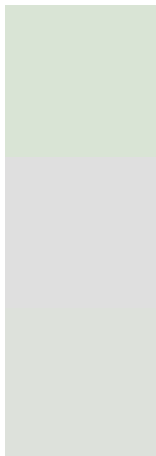
Deuteranomaly

73.2539, 74.7451, 74.1847

Tritanomaly

70.8642, 74.8356, 86.3111

Monochromacy



Original Color

68.3689, 75.0426, 73.8320

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.5302, 74.3371, 77.7017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3689, 75.0426, 73.8320 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(217, 228, 213) looks like.

```
.text, #text, p{  
    color:rgb(217, 228, 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(217, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 228, 213) }
```

Border

The CSS property to change the border of an element to XYZ 68.3689, 75.0426, 73.8320 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(217, 228, 213) }
```


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

```
.border{ border-color:rgb(217, 228, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 228, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 228, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 228, 213);  
box-shadow:4px 4px 4px 4px rgb(217, 228,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3689, 75.0426, 73.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 228, 213) }
```

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

```
.background{ background-color: rgb(217,  
228, 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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