

Converting Colors

XYZ(68.4045, 71.2006, 75.7553)

Have a look what the booklet for
XYZ(68.4045, 71.2006, 75.7553)
contains.

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Color

**XYZ(68.3363, 70.9999,
75.7483)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DAD9
RGB	224, 218, 217
RGB Percent	88%, 85%, 85%
CMY	0.1216, 0.1451, 0.1490
CMYK	0.00, 0.03, 0.03, 0.12
HSL	9°, 10%, 86%
HSV	9°, 3%, 88%
XYZ	68.3363, 70.9999, 75.7483
YIQ	219.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

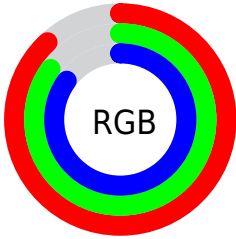
Format	Color
R _Y B	224, 218, 217
Decimal	14736089
CIE Lab	87.48, 1.87, 1.21
CIE LCh	87, 2.227, 32.822
Yxy	70.9999, 0.3177, 0.3301
Android (android.graphics.Color)	4292926169 (0xFFE0DAD9)
YUV	219.6800, -1.3212, 3.7886
Hunter-Lab	84.2614, -2.6934, 5.6832

Details

The XYZ color **68.3363, 70.9999, 75.7483** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4575, 72.9079, 80.9865**, and the grayscale version is **67.8132, 71.3448, 77.6945**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9810, 37.2380, 39.4737** is the 20% darker color. If you saturate the color by 10%, you get **60.9277, 60.5327, 59.8665**, and if you desaturate by 10%, it is **76.7204, 82.7835, 93.9081**.

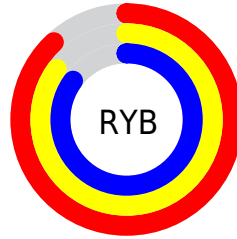
Distribution



Red (88%)

Green (85%)

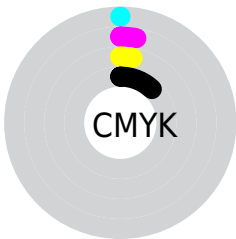
Blue (85%)



Red (88%)

Yellow (85%)

Blue (85%)

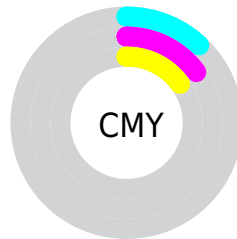


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3363, 70.9999, 75.7483 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 68.3363, 70.9999, 75.7483 by changing the saturation by 10% instead.

■ 68.3363, 70.9999,
75.7483

■ 68.3363, 70.9999,
75.7483

444.0447,
464.0531, 499.8095

■ 50.4461, 52.3421,
55.7207

115.8724,
120.6336, 129.1279

■ 35.9872, 37.2778,
39.5766

146.2489,
152.3783, 163.3170

■ 24.5944, 25.4227,
26.8973

181.5183,
189.2540, 203.0636

■ 15.9022, 16.3923,
17.2643

222.0458,
231.6453, 248.7864

■ 9.5454, 9.8021,
10.2592

268.1969,
279.9364, 300.9038

■ 5.1585, 5.2680,
5.4633

320.3368,

■ 2.3763, 2.4053,

334.5119, 359.8345

2.4581

378.8309,
395.7559, 425.9969

■ 0.8333, 0.8286,
0.8178

■ 0.0000, 0.0000,
0.0000

■ 68.3363, 70.9999,
75.7483

■ 68.3363, 70.9999,
75.7483

■ 60.9277, 60.5327,
59.8665

■ 76.7204, 82.7835,
93.9081

■ 54.4533, 51.3272,
46.1683

■ 84.5509, 94.5875,
108.4087

■ 48.8776, 43.3384,
34.5593

■ 44.1603, 36.5153,
24.9366

■ 40.2585, 30.8030,
17.1886

■ 37.1251, 26.1424,
11.1923

■ 34.7083, 22.4688,
6.8104

■ 32.9495, 19.7101,
3.8847

■ 31.7805, 17.7842,
2.2247

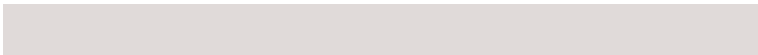
Harmonies

Analogous

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



68.4979, 70.9999, 77.1644



68.3363, 70.9999, 75.7483



67.9460, 70.9999, 74.7600

Triad

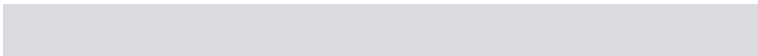
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.3363, 70.9999, 75.7483



66.5880, 70.9999, 75.9921



67.5330, 70.9999, 80.2344

Complementary

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



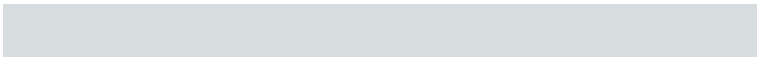
68.3363, 70.9999, 75.7483



68.4575, 72.9079, 80.9865

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.



67.0226, 70.9999, 79.9108



68.3363, 70.9999, 75.7483



66.4787, 70.9999, 77.4494

Square

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



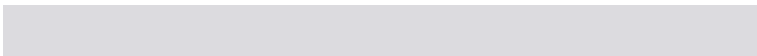
68.3363, 70.9999, 75.7483



66.9369, 70.9999, 74.8995



66.6374, 70.9999, 78.8866



68.0326, 70.9999, 79.7652

Rectangle

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



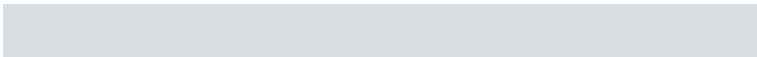
68.3363, 70.9999, 75.7483



67.6097, 70.9999, 74.4700



66.6374, 70.9999, 78.8866



67.3570, 70.9999, 80.2148

Sweetspot

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



68.3383, 71.0030, 75.7498



93.9492, 98.4511, 106.5211



68.8826, 70.8054, 79.8965



20.1206, 21.0889, 22.8250



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.



68.3383, 71.0030, 75.7498



90.7267, 93.9119, 99.5712



69.2369, 72.8002, 76.0494



14.6388, 15.1087, 15.9418



18.2458, 9.9296, 0.9549



1.3157, 0.7902, 0.0832

Inverse Universe

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



68.4575, 72.9079, 80.9865



90.9316, 97.1867, 108.5741



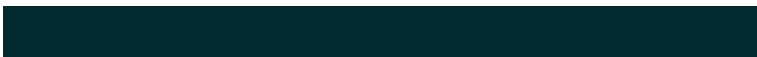
67.5505, 71.0939, 80.6842



14.6777, 15.7301, 17.6503



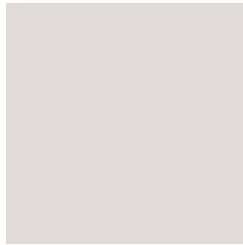
18.8526, 25.1747, 44.9139



1.3532, 1.8379, 3.1287

Previews

White Background



This preview shows how the XYZ color 68.3363, 70.9999, 75.7483 looks on a white background.

Color Contrast Check

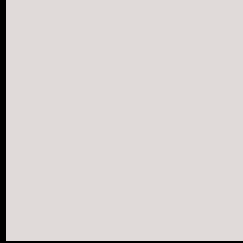
Large Text (above 18pt) WCAG AA × Fail

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 68.3363, 70.9999, 75.7483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

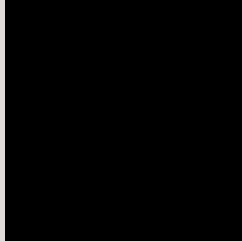
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

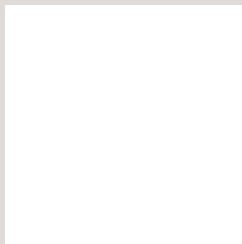
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3363, 70.9999, 75.7483

Background



This preview shows how black text looks on a background with the XYZ color 68.3363, 70.9999, 75.7483.



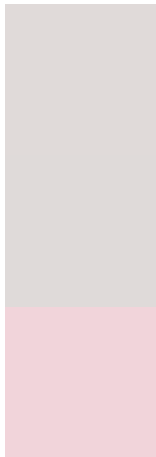
This preview shows how white text looks on a background with the XYZ color 68.3363, 70.9999,

75.7483.

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

68.3363, 70.9999, 75.7483

Protanopia

68.0272, 70.8405, 75.7338

Deuteranopia

72.4740, 70.8497, 76.1852



Tritanopia

70.6279, 71.1637, 87.1043

Trichromacy



Original Color

68.3363, 70.9999, 75.7483

Protanomaly

68.0272, 70.8405, 75.7338

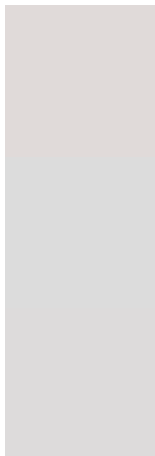
Deuteranomaly

70.9624, 70.8173, 76.2586

Tritanomaly

69.7293, 71.1793, 82.7369

Monochromacy



Original Color

68.3363, 70.9999, 75.7483

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9365, 71.1497, 77.1705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3363, 70.9999, 75.7483 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(224, 218, 217) looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 217)  
}
```

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(224, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 217) }
```

Border

The CSS property to change the border of an element to XYZ 68.3363, 70.9999, 75.7483 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(224, 218, 217) }
```


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

```
.border{ border-color:rgb(224, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3363, 70.9999, 75.7483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 217) }
```

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

```
.background{ background-color: rgb(224,  
218, 217) }
```

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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