

Converting Colors

XYZ(66.2700, 64.8725, 81.6758)

Have a look what the booklet for
XYZ(66.2700, 64.8725, 81.6758)
contains.

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Color

**XYZ(66.4369, 65.0560,
81.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CDE3
RGB	224, 205, 227
RGB Percent	88%, 80%, 89%
CMY	0.1216, 0.1961, 0.1098
CMYK	0.01, 0.10, 0.00, 0.11
HSL	292°, 28%, 85%
HSV	292°, 10%, 89%
XYZ	66.4369, 65.0560, 81.7285
YIQ	213.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

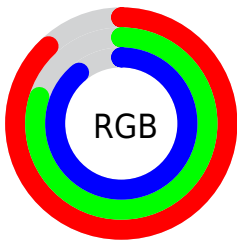
Format	Color
R_{YB}	224, 205, 227
Decimal	14732771
CIE _{Lab}	84.51, 10.49, -8.46
CIE _{LCh}	85, 13.482, 321.114
Yxy	65.0560, 0.3116, 0.3051
Android (android.graphics.Color)	4292922851 (0xFFE0CDE3)
YUV	213.1890, 6.8088, 9.4812
Hunter-Lab	80.6573, 5.8790, -3.6173

Details

The XYZ color **66.4369, 65.0560, 81.7285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5034, 72.7576, 68.4049**, and the grayscale version is **63.3278, 66.6258, 72.5554**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8752, 33.5468, 43.6668** is the 20% darker color. If you saturate the color by 10%, you get **60.4459, 54.4845, 80.0047**, and if you desaturate by 10%, it is **73.2370, 77.2177, 83.7185**.

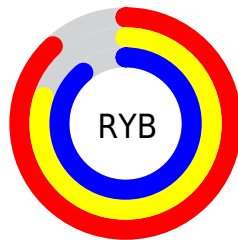
Distribution



Red (88%)

Green (80%)

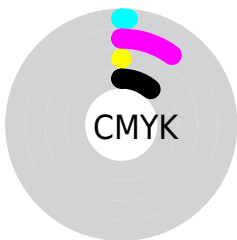
Blue (89%)



Red (88%)

Yellow (80%)

Blue (89%)

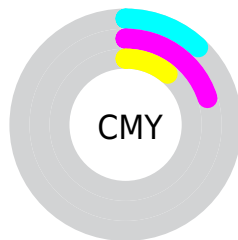


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4369, 65.0560, 81.7285 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 66.4369, 65.0560, 81.7285 by changing the saturation by 10% instead.

66.4369, 65.0560,
81.7285

66.4369, 65.0560,
81.7285

437.4018,
442.9932, 520.5987

48.8962, 47.5065,
60.6073

113.1674,
112.1304, 137.6265

34.7513, 33.4362,
43.4798

143.0879,
142.4240, 173.2403

23.6370, 22.4608,
29.9276

177.8658,
177.7345, 214.5220

15.1878, 14.1959,
19.5320

217.8662,
218.4462, 261.8902

9.0385, 8.2570,
11.8746

263.4547,
264.9435, 315.7635

4.8236, 4.2599,
6.5369

314.9966,

2.1778, 1.8200,

317.6109, 376.5603

3.1002

372.8572,
376.8326, 444.6991

■ 0.7310, 0.4996,
1.1460

■ 0.0000, 0.0000,
0.0000

■ 66.4369, 65.0560,
81.7285

■ 66.4369, 65.0560,
81.7285

■ 60.4459, 54.4845,
80.0047

■ 73.2370, 77.2177,
83.7185

■ 55.2243, 45.4271,
78.5317

■ 80.8723, 91.0246,
85.9811

■ 50.7378, 37.8142,
77.2987

■ 83.3241, 94.4385,
86.5108

■ 46.9471, 31.5673,
76.2927

■ 84.3454, 94.9650,
86.5586

43.8091, 26.6005,
75.4994

85.3845, 95.5007,
86.6072

41.2759, 22.8181,
74.9029

86.4416, 96.0456,
86.6567

39.2929, 20.1109,
74.4848

87.5167, 96.5998,
86.7070

37.7952, 18.3493,
74.2237

88.6098, 97.1634,
86.7582

36.6739, 17.3157,
74.0834

89.7212, 97.7363,
86.8102

Harmonies

Analogous

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



63.9366, 65.0560, 87.4037



66.4369, 65.0560, 81.7285



67.7143, 65.0560, 73.4194

Triad

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



66.4369, 65.0560, 81.7285



62.7297, 65.0560, 55.7243



56.6035, 65.0560, 76.9588

Complementary

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



66.4369, 65.0560, 81.7285



64.5034, 72.7576, 68.4049

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.



56.3040, 65.0560, 68.3119



66.4369, 65.0560, 81.7285



59.7775, 65.0560, 56.5047

Square

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



66.4369, 65.0560, 81.7285



65.5289, 65.0560, 58.7297



57.4483, 65.0560, 60.9551



58.2803, 65.0560, 84.4987

Rectangle

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



66.4369, 65.0560, 81.7285



67.6728, 65.0560, 67.6956



57.4483, 65.0560, 60.9551



56.3406, 65.0560, 74.0699

Sweetspot

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



66.4388, 65.0588, 81.7299



92.2751, 95.0185, 108.0847



61.6738, 63.7865, 81.7355



19.5955, 20.0599, 23.0891



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.



66.4388, 65.0588, 81.7299



84.5345, 81.2236, 105.8300



66.3376, 65.1267, 76.3013



14.7917, 14.5103, 18.1655



21.4423, 10.1198, 43.2064



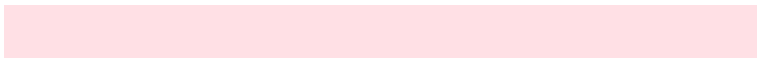
1.6382, 0.7755, 3.1953

Inverse Universe

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



64.8973, 64.5506, 68.7169



82.0866, 80.4199, 85.0129



64.6204, 72.7079, 73.3821



14.4566, 14.3998, 15.3390



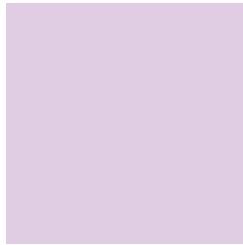
18.6435, 9.5916, 1.7518



1.4033, 0.7191, 0.2646

Previews

White Background



This preview shows how the XYZ color 66.4369, 65.0560, 81.7285 looks on a white background.

Color Contrast Check

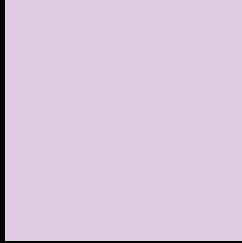
Large Text (above 18pt) WCAG AA × Fail

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 66.4369, 65.0560, 81.7285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

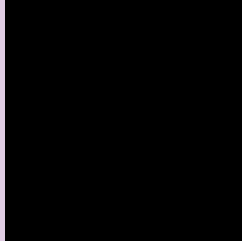
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4369, 65.0560, 81.7285

Background



This preview shows how black text looks on a background with the XYZ color 66.4369, 65.0560, 81.7285.



This preview shows how white text looks on a background with the XYZ color 66.4369, 65.0560,

81.7285.

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

66.4369, 65.0560, 81.7285

Protanopia

63.6240, 65.3617, 84.1256

Deuteranopia

66.4369, 65.0560, 81.7285



Tritanopia

65.6875, 65.1045, 78.2116

Trichromacy



Original Color

66.4369, 65.0560, 81.7285

Protanomaly

64.4303, 65.0650, 83.2917

Deuteranomaly

66.4369, 65.0560, 81.7285

Tritanomaly

65.9573, 65.2124, 79.6319

Monochromacy



Original Color

66.4369, 65.0560, 81.7285

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.3168, 65.9069, 75.6611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4369, 65.0560, 81.7285 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, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 227)  
}
```

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, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.4369, 65.0560, 81.7285 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, 205, 227) }
```


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

```
.border{ border-color:rgb(224, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 205,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4369, 65.0560, 81.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 227) }
```

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

```
.background{ background-color: rgb(224,  
205, 227) }
```

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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