

Converting Colors

XYZ(66.3432, 66.5810, 76.3893)

Have a look what the booklet for
XYZ(66.3432, 66.5810, 76.3893)
contains.

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Color

**XYZ(66.3271, 66.5627,
76.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D1DB
RGB	224, 209, 219
RGB Percent	88%, 82%, 86%
CMY	0.1216, 0.1804, 0.1412
CMYK	0.00, 0.07, 0.02, 0.12
HSL	320°, 19%, 85%
HSV	320°, 7%, 88%
XYZ	66.3271, 66.5627, 76.3699
YIQ	214.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

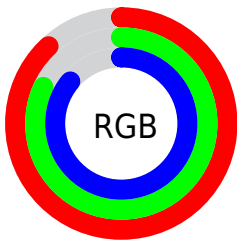
Format	Color
R _Y B	224, 209, 219
Decimal	14733787
CIE Lab	85.28, 6.93, -3.07
CIE LCh	85, 7.582, 336.085
Yxy	66.5627, 0.3170, 0.3181
Android (android.graphics.Color)	4292923867 (0xFFE0D1DB)
YUV	214.6250, 2.1569, 8.2219
Hunter-Lab	81.5860, 2.3400, 1.6108

Details

The XYZ color **66.3271, 66.5627, 76.3699** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0903, 71.7234, 74.0352**, and the grayscale version is **64.3226, 67.6724, 73.6952**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7844, 34.5580, 39.9590** is the 20% darker color. If you saturate the color by 10%, you get **60.2524, 55.9508, 69.6028**, and if you desaturate by 10%, it is **73.2225, 78.7434, 83.6298**.

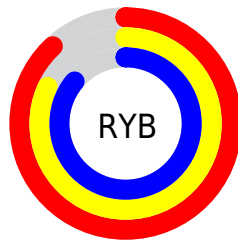
Distribution



Red (88%)

Green (82%)

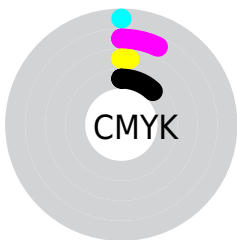
Blue (86%)



Red (88%)

Yellow (82%)

Blue (86%)

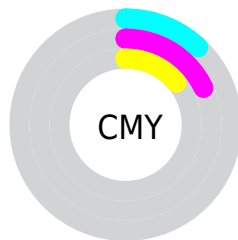


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3271, 66.5627, 76.3699 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 66.3271, 66.5627, 76.3699 by changing the saturation by 10% instead.

66.3271, 66.5627,
76.3699

66.3271, 66.5627,
76.3699

437.0160,
448.3866, 501.9935

48.8067, 48.7293,
56.2274

113.0108,
114.2936, 130.0145

34.6800, 34.4048,
39.9801

142.9048,
144.9599, 164.3537

23.5819, 23.2048,
27.2093

177.6540,
180.6726, 204.2622

15.1468, 14.7448,
17.4967

217.6238,
221.8162, 250.1586

9.0095, 8.6405,
10.4235

263.1796,
268.7750, 302.4614

4.8045, 4.5074,
5.5714

314.6866,

2.1666, 1.9613,

321.9334, 361.5891

2.5217

372.5103,
381.6758, 427.9603

■ 0.7250, 0.5848,
0.8516

■ 0.0000, 0.0000,
0.0000

■ 66.3271, 66.5627,
76.3699

■ 66.3271, 66.5627,
76.3699

■ 60.2524, 55.9508,
69.6028

■ 73.2225, 78.7434,
83.6298

■ 54.9599, 46.8346,
63.3105

■ 80.9634, 92.5448,
91.3912

■ 50.4167, 39.1482,
57.4800

■ 82.4389, 93.7427,
97.2873

■ 46.5851, 32.8174,
52.0957

■ 83.5803, 94.1993,
103.2979

■ 43.4243, 27.7611,
47.1410

■ 84.5509, 94.5875,
108.4086

■ 40.8888, 23.8896,
42.5978

■ 38.9274, 21.1015,
38.4458

■ 37.4802, 19.2782,
34.6619

■ 36.4711, 18.2682,
31.2173

Harmonies

Analogous

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



65.2272, 66.5627, 80.3750



66.3271, 66.5627, 76.3699



66.6003, 66.5627, 71.4793

Triad

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



66.3271, 66.5627, 76.3699



62.9171, 66.5627, 63.4882



60.6393, 66.5627, 78.1788

Complementary

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



66.3271, 66.5627, 76.3699



65.0903, 71.7234, 74.0352

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.



60.0446, 66.5627, 73.4808



66.3271, 66.5627, 76.3699



61.3443, 66.5627, 65.1113

Square

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



66.3271, 66.5627, 76.3699



64.6114, 66.5627, 64.1840



60.3003, 66.5627, 68.7157



61.9391, 66.5627, 81.4520

Rectangle

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



66.3271, 66.5627, 76.3699



66.2727, 66.5627, 68.4034



60.3003, 66.5627, 68.7157



60.3514, 66.5627, 76.7060

Sweetspot

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



66.3290, 66.5656, 76.3713



93.1719, 96.6800, 106.9294



63.9892, 65.2822, 79.7500



19.9623, 20.7283, 22.9080



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.



66.3290, 66.5656, 76.3713



87.8080, 87.2375, 101.1789



65.3639, 66.1795, 71.2891



14.0906, 13.8539, 16.2472



21.1209, 10.5154, 17.8343



1.5050, 0.7453, 1.4522

Inverse Universe

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



66.3290, 66.5656, 76.3713



87.8080, 87.2375, 101.1789



66.0701, 72.1153, 79.1952



14.0906, 13.8539, 16.2472



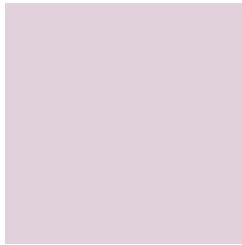
21.1209, 10.5154, 17.8343



1.5050, 0.7453, 1.4522

Previews

White Background



This preview shows how the XYZ color 66.3271, 66.5627, 76.3699 looks on a white background.

Color Contrast Check

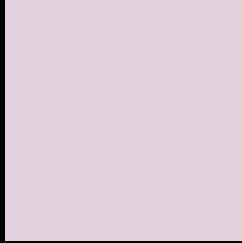
Large Text (above 18pt) WCAG AA × Fail

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 66.3271, 66.5627, 76.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

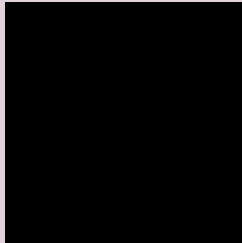
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

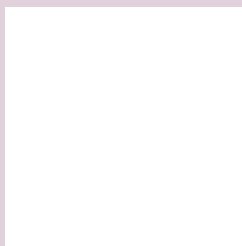
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3271, 66.5627, 76.3699

Background



This preview shows how black text looks on a background with the XYZ color 66.3271, 66.5627, 76.3699.



This preview shows how white text looks on a background with the XYZ color 66.3271, 66.5627,

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

66.3271, 66.5627, 76.3699

Protanopia

64.6190, 66.7545, 77.8857

Deuteranopia

68.0540, 66.7290, 76.3110



Tritanopia

67.0618, 66.5011, 79.8225

Trichromacy



Original Color

66.3271, 66.5627, 76.3699

Protanomaly

65.1260, 66.6613, 77.1445

Deuteranomaly

67.3370, 66.7202, 76.3471

Tritanomaly

66.7920, 66.3932, 78.4021

Monochromacy



Original Color

66.3271, 66.5627, 76.3699

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1024, 67.4518, 74.5540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3271, 66.5627, 76.3699 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, 209, 219) looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 219)  
}
```

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, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.3271, 66.5627, 76.3699 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, 209, 219) }
```


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

```
.border{ border-color:rgb(224, 209, 219) }
```

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

Here you see how a box with a 4 pixel rgb(224, 209, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3271, 66.5627, 76.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 219) }
```

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

```
.background{ background-color: rgb(224,  
209, 219) }
```

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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