

Converting Colors

XYZ(65.8624, 67.7106, 79.3750)

Have a look what the booklet for
XYZ(65.8624, 67.7106, 79.3750)
contains.

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Color

**XYZ(66.0270, 67.8216,
79.4229)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD5DF
RGB	218, 213, 223
RGB Percent	85%, 84%, 87%
CMY	0.1451, 0.1647, 0.1255
CMYK	0.02, 0.04, 0.00, 0.13
HSL	270°, 14%, 85%
HSV	270°, 4%, 87%
XYZ	66.0270, 67.8216, 79.4229
YIQ	215.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

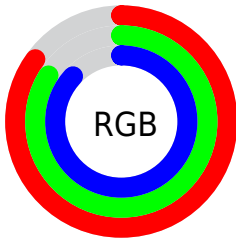
Format	Color
R _{YB}	218, 213, 223
Decimal	14341599
CIE Lab	85.92, 3.53, -4.32
CIE LCh	86, 5.573, 309.243
Yxy	67.8216, 0.3096, 0.3180
Android (android.graphics.Color)	4292531679 (0xFFDAD5DF)
YUV	215.6350, 3.6309, 2.0741
Hunter-Lab	82.3539, -1.0074, 0.4678

Details

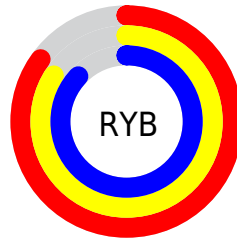
The XYZ color **66.0270, 67.8216, 79.4229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3138, 72.4866, 73.3976**, and the grayscale version is **64.9998, 68.3849, 74.4712**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3990, 35.0674, 42.0015** is the 20% darker color. If you saturate the color by 10%, you get **57.5758, 55.7044, 77.5305**, and if you desaturate by 10%, it is **75.4778, 81.6029, 81.5859**.

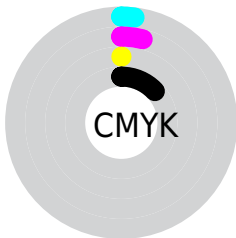
Distribution



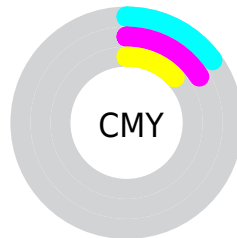
- Red (85%)
- Green (84%)
- Blue (87%)



- Red (85%)
- Yellow (84%)
- Blue (87%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0270, 67.8216, 79.4229 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 66.0270, 67.8216, 79.4229 by changing the saturation by 10% instead.

■ 66.0270, 67.8216,
79.4229

■ 66.0270, 67.8216,
79.4229

435.9606,
452.8637, 512.6412

■ 48.5621, 49.7526,
58.7202

112.5826,
116.0969, 134.3581

■ 34.4853, 35.2169,
41.9694

142.4040,
147.0720, 169.4277

■ 23.4314, 23.8300,
28.7519

177.0750,
183.1179, 210.1234

■ 15.0348, 15.2075,
18.6493

216.9609,
224.6190, 256.8636

■ 8.9303, 8.9652,
11.2429

262.4270,
271.9598, 310.0670

■ 4.7525, 4.7185,
6.1142

313.8388,

■ 2.1360, 2.0830,

325.5246, 370.1520

2.8448

371.5615,
385.6977, 437.5372

■ 0.7087, 0.6551,
1.0159

■ 0.0000, 0.0000,
0.0000

■ 66.0270, 67.8216,
79.4229

■ 66.0270, 67.8216,
79.4229

■ 57.5758, 55.7044,
77.5305

■ 75.4778, 81.6029,
81.5859

■ 50.0827, 45.1777,
75.8936

■ 85.1194, 95.4271,
83.7460

■ 43.5117, 36.1752,
74.5022

■ 89.0296, 97.4429,
83.9290

■ 37.8223, 28.6227,
73.3443

■ 90.3195, 98.1078,
83.9894

■ 32.9704, 22.4394,
72.4066

■ 28.9079, 17.5364,
71.6743

■ 25.5811, 13.8138,
71.1311

■ 22.9281, 11.1562,
70.7580

■ 20.8747, 9.4233,
70.5317

Harmonies

Analogous

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



64.8573, 67.8216, 81.0010



66.0270, 67.8216, 79.4229



66.7840, 67.8216, 76.3646

Triad

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



66.0270, 67.8216, 79.4229



65.3358, 67.8216, 67.4686



62.0709, 67.8216, 74.9806

Complementary

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



66.0270, 67.8216, 79.4229



67.3138, 72.4866, 73.3976

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.



62.1953, 67.8216, 71.3838



66.0270, 67.8216, 79.4229



64.0691, 67.8216, 67.1256

Square

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



66.0270, 67.8216, 79.4229



66.3813, 67.8216, 69.4897



62.9227, 67.8216, 68.5368



62.5808, 67.8216, 78.3811

Rectangle

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



66.0270, 67.8216, 79.4229



66.9469, 67.8216, 73.9391



62.9227, 67.8216, 68.5368



62.0401, 67.8216, 73.7534

Sweetspot

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



66.0290, 67.8245, 79.4244



93.7742, 98.1427, 108.6087



65.8770, 69.7056, 79.7955



20.0850, 21.0262, 23.2498



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.



66.0290, 67.8245, 79.4244



88.8093, 90.9437, 107.4809



67.4955, 68.5806, 79.4930



14.3213, 14.6137, 17.4536



11.8513, 5.2049, 41.4284



0.9247, 0.4140, 2.8764

Inverse Universe

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



66.8829, 68.3414, 75.9990



90.1073, 91.7295, 102.2741



65.8893, 71.7523, 73.3310



14.5584, 14.7572, 16.5026



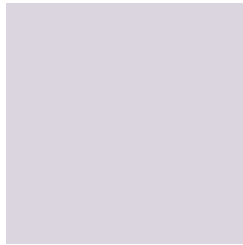
19.6547, 9.9289, 10.1131



1.4076, 0.7063, 0.9390

Previews

White Background



This preview shows how the XYZ color 66.0270, 67.8216, 79.4229 looks on a white background.

Color Contrast Check

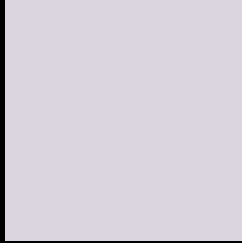
Large Text (above 18pt) WCAG AA × Fail

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 66.0270, 67.8216, 79.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

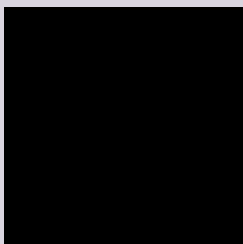
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0270, 67.8216, 79.4229

Background



This preview shows how black text looks on a background with the XYZ color 66.0270, 67.8216, 79.4229.

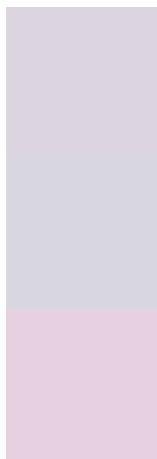


This preview shows how white text looks on a background with the XYZ color 66.0270, 67.8216,

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

66.0270, 67.8216, 79.4229

Protanopia

65.6848, 68.0198, 79.4792

Deuteranopia

68.9654, 67.4825, 79.9116



Tritanopia

66.8998, 67.8042, 83.6903

Trichromacy



Original Color

66.0270, 67.8216, 79.4229

Protanomaly

65.9811, 68.1726, 79.4931

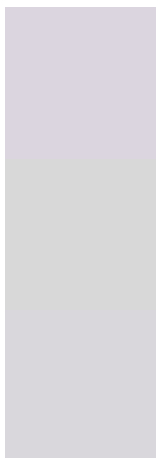
Deuteranomaly

67.8652, 67.6438, 80.0007

Tritanomaly

66.6220, 67.6931, 82.2278

Monochromacy



Original Color

66.0270, 67.8216, 79.4229

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.7019, 68.4671, 76.7704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0270, 67.8216, 79.4229 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(218, 213, 223) looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 223)  
}
```

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(218, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.0270, 67.8216, 79.4229 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(218, 213, 223) }
```


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

```
.border{ border-color:rgb(218, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0270, 67.8216, 79.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 223) }
```

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

```
.background{ background-color: rgb(218,  
213, 223) }
```

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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