

Converting Colors

XYZ(69.0187, 66.4591, 78.6587)

Have a look what the booklet for
XYZ(69.0187, 66.4591, 78.6587)
contains.

XYZ(69.0823, 66.4828, 79.0035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.0823, 66.4828,
79.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	EACDDF
RGB	234, 205, 223
RGB Percent	92%, 80%, 87%
CMY	0.0823, 0.1961, 0.1255
CMYK	0.00, 0.12, 0.05, 0.08
HSL	323°, 41%, 86%
HSV	323°, 12%, 92%
XYZ	69.0823, 66.4828, 79.0035
YIQ	215.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

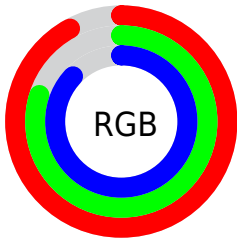
Format	Color
RYB	234, 205, 223
Decimal	15388127
CIELab	85.24, 13.16, -5.16
CIELCh	85, 14.139, 338.584
Yxy	66.4828, 0.3220, 0.3098
Android (android.graphics.Color)	4293578207 (0xFFEACDDF)
YUV	215.7230, 3.5876, 16.0289
Hunter-Lab	81.5370, 8.5446, -0.3719

Details

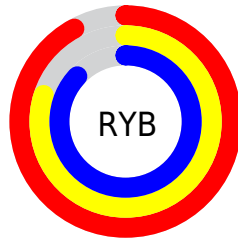
The XYZ color **69.0823, 66.4828, 79.0035** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9969, 76.7844, 76.2592**, and the grayscale version is **65.0543, 68.4422, 74.5336**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4946, 34.4253, 41.7671** is the 20% darker color. If you saturate the color by 10%, you get **62.7328, 55.6485, 71.1365**, and if you desaturate by 10%, it is **76.3355, 79.0222, 87.4830**.

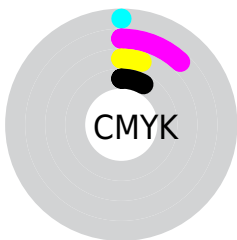
Distribution



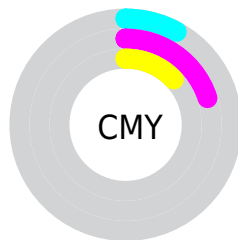
- Red (92%)
- Green (80%)
- Blue (87%)



- Red (92%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0823, 66.4828, 79.0035 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 69.0823, 66.4828, 79.0035 by changing the saturation by 10% instead.

69.0823, 66.4828,
79.0035

69.0823, 66.4828,
79.0035

446.6380,
448.1016, 511.1861

51.0556, 48.6644,
58.3774

116.9325,
114.1790, 133.7625

36.4741, 34.3534,
41.6954

147.4868,
144.8256, 168.7324

24.9724, 23.1652,
28.5391

182.9477,
180.5171, 209.3207

16.1851, 14.7155,
18.4898

223.6805,
221.6379, 255.9459

9.7469, 8.6200,
11.1292

270.0505,
268.5723, 309.0264

5.2924, 4.4942,
6.0385

322.4232,

2.4564, 1.9536,

321.7048, 368.9810

2.7993

381.1640,
381.4198, 436.2280

■ 0.8733, 0.5803,
0.9931

■ 0.0000, 0.0000,
0.0000

■ 69.0823, 66.4828,
79.0035

■ 69.0823, 66.4828,
79.0035

■ 62.7328, 55.6485,
71.1365

■ 76.3355, 79.0222,
87.4830

■ 57.2433, 46.4362,
63.8602

■ 84.5222, 93.3278,
96.5871

■ 52.5749, 38.7687,
57.1578

■ 86.8899, 95.8917,
104.0702

■ 48.6834, 32.5591,
51.0095

■ 87.7421, 96.2326,
108.5580

■ 45.5201, 27.7120,
45.3942

■ 43.0308, 24.1204,
40.2885

■ 41.1530, 21.6610,
35.6663

■ 39.8115, 20.1854,
31.4970

■ 39.0607, 19.5441,
28.5949

Harmonies

Analogous

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



67.0985, 66.4828, 87.0284



69.0823, 66.4828, 79.0035



69.4600, 66.4828, 69.7945

Triad

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



69.0823, 66.4828, 79.0035



62.2776, 66.4828, 56.3505



58.5091, 66.4828, 83.9228

Complementary

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



69.0823, 66.4828, 79.0035



66.9969, 76.7844, 76.2592

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.



57.3089, 66.4828, 75.0459



69.0823, 66.4828, 79.0035



59.4361, 66.4828, 59.4899

Square

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



69.0823, 66.4828, 79.0035



65.4593, 66.4828, 57.2159



57.6425, 66.4828, 66.1534



60.9735, 66.4828, 90.0309

Rectangle

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



69.0823, 66.4828, 79.0035



68.7385, 66.4828, 64.2941



57.6425, 66.4828, 66.1534



57.9483, 66.4828, 81.1352

Sweetspot

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



69.0842, 66.4857, 79.0049



91.2651, 93.4171, 104.5958



64.8960, 64.1496, 86.8046



19.3865, 19.7384, 22.2175



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.



69.0842, 66.4857, 79.0049



81.7895, 77.0773, 93.3864



67.2575, 65.7550, 69.3854



15.4585, 15.2113, 17.6999



22.0129, 11.0078, 16.4010



1.7751, 0.8830, 1.5331

Inverse Universe

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



69.0842, 66.4857, 79.0049



81.7895, 77.0773, 93.3864



68.9035, 77.5471, 86.2990



15.4585, 15.2113, 17.6999



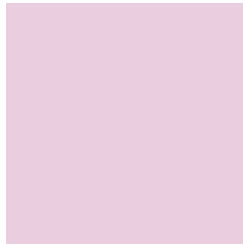
22.0129, 11.0078, 16.4010



1.7751, 0.8830, 1.5331

Previews

White Background



This preview shows how the XYZ color 69.0823, 66.4828, 79.0035 looks on a white background.

Color Contrast Check

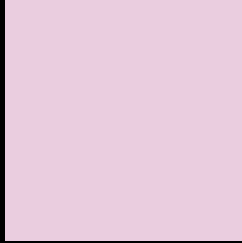
Large Text (above 18pt) WCAG AA × Fail

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 69.0823, 66.4828, 79.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

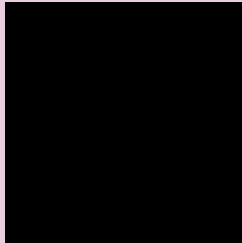
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0823, 66.4828, 79.0035

Background



This preview shows how black text looks on a background with the XYZ color 69.0823, 66.4828, 79.0035.



This preview shows how white text looks on a background with the XYZ color 69.0823, 66.4828,

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

69.0823, 66.4828, 79.0035

Protanopia

64.8492, 66.7792, 82.1448

Deuteranopia

67.9452, 66.6114, 79.0882



Tritanopia

68.8142, 66.3755, 77.5915

Trichromacy



Original Color

69.0823, 66.4828, 79.0035

Protanomaly

66.3467, 66.4641, 81.2835

Deuteranomaly

68.3456, 66.4593, 79.0378

Tritanomaly

68.9478, 66.4290, 78.2954

Monochromacy



Original Color

69.0823, 66.4828, 79.0035

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.7611, 67.8894, 76.6031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0823, 66.4828, 79.0035 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(234, 205, 223) looks like.

```
.text, #text, p{  
    color:rgb(234, 205, 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(234, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 205, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.0823, 66.4828, 79.0035 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(234, 205, 223) }
```


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

```
.border{ border-color:rgb(234, 205, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 205, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 205, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 205, 223); box-shadow:4px 4px 4px 4px rgb(234, 205, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0823, 66.4828, 79.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 205, 223) }
```

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

```
.background{ background-color: rgb(234,  
205, 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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