

Converting Colors

XYZ(68.2625, 67.1524, 80.0947)

Have a look what the booklet for
XYZ(68.2625, 67.1524, 80.0947)
contains.

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Color

**XYZ(68.3235, 67.1516,
79.8815)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D0E0
RGB	229, 208, 224
RGB Percent	90%, 82%, 88%
CMY	0.1020, 0.1843, 0.1216
CMYK	0.00, 0.09, 0.02, 0.10
HSL	314°, 29%, 86%
HSV	314°, 9%, 90%
XYZ	68.3235, 67.1516, 79.8815
YIQ	216.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

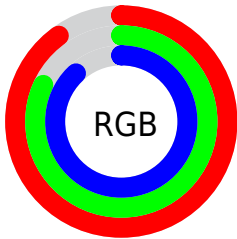
Format	Color
R _Y B	229, 208, 224
Decimal	15061216
CIE Lab	85.58, 10.05, -5.24
CIE LCh	86, 11.338, 332.457
Yxy	67.1516, 0.3173, 0.3118
Android (android.graphics.Color)	4293251296 (0xFFE5D0E0)
YUV	216.1030, 3.8932, 11.3107
Hunter-Lab	81.9461, 5.4208, -0.4340

Details

The XYZ color **68.3235, 67.1516, 79.8815** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0445, 74.2544, 73.8060**, and the grayscale version is **65.3129, 68.7142, 74.8298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9506, 34.8600, 42.3700** is the 20% darker color. If you saturate the color by 10%, you get **62.4112, 56.4909, 74.3206**, and if you desaturate by 10%, it is **75.0695, 79.4398, 85.8389**.

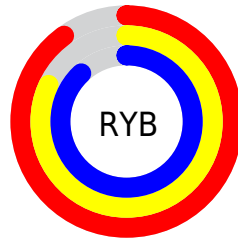
Distribution



Red (90%)

Green (82%)

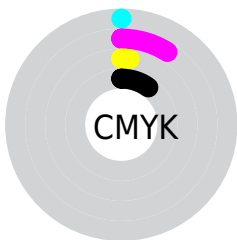
Blue (88%)



Red (90%)

Yellow (82%)

Blue (88%)

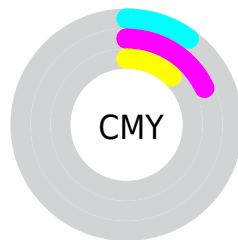


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3235, 67.1516, 79.8815 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 68.3235, 67.1516, 79.8815 by changing the saturation by 10% instead.

68.3235, 67.1516,
79.8815

68.3235, 67.1516,
79.8815

444.0001,
450.4842, 514.2296

50.4356, 49.2078,
59.0953

115.8542,
115.1376, 135.0090

35.9788, 34.7844,
42.2693

146.2277,
145.9487, 170.1873

24.5879, 23.4968,
28.9851

181.4937,
181.8176, 211.0001

15.8974, 14.9608,
18.8240

222.0177,
223.1288, 257.8659

9.5420, 8.7919,
11.3677

268.1650,
270.2666, 311.2032

5.1563, 4.6057,
6.1974

320.3009,

2.3749, 2.0178,

323.6156, 371.4305

2.8948

378.7908,
383.5600, 438.9665

■ 0.8326, 0.6178,
1.0412

■ 0.0000, 0.0000,
0.0000

■ 68.3235, 67.1516,
79.8815

■ 68.3235, 67.1516,
79.8815

■ 62.4112, 56.4909,
74.3206

■ 75.0695, 79.4398,
85.8389

■ 57.2923, 47.3801,
69.1394

■ 82.6758, 93.4114,
92.2005

■ 52.9314, 39.7483,
64.3257

■ 83.8555, 94.4910,
96.5389

■ 49.2886, 33.5157,
59.8651

■ 84.6797, 94.8207,
100.8791

■ 46.3199, 28.5949,
55.7419

■ 85.5285, 95.1602,
105.3487

■ 43.9766, 24.8885,
51.9386

■ 86.1235, 95.3982,
108.4822

■ 42.2030, 22.2859,
48.4355

■ 40.9334, 20.6557,
45.2096

■ 40.0642, 19.7916,
42.2251

Harmonies

Analogous

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



66.5236, 67.1516, 85.7649



68.3235, 67.1516, 79.8815



68.9085, 67.1516, 72.5097

Triad

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



68.3235, 67.1516, 79.8815



63.6133, 67.1516, 59.8277



59.7326, 67.1516, 81.0050

Complementary

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



68.3235, 67.1516, 79.8815



66.0445, 74.2544, 73.8060

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.



58.9990, 67.1516, 73.7270



68.3235, 67.1516, 79.8815



61.2015, 67.1516, 61.7775

Square

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



68.3235, 67.1516, 79.8815



66.1459, 67.1516, 61.2351



59.5295, 67.1516, 66.7450



61.5602, 67.1516, 86.4436

Rectangle

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



68.3235, 67.1516, 79.8815



68.5183, 67.1516, 67.8256



59.5295, 67.1516, 66.7450



59.3522, 67.1516, 78.6760

Sweetspot

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



68.3254, 67.1545, 79.8830



92.3659, 95.0990, 106.5652



64.1131, 64.9035, 83.2782



19.6202, 20.0818, 22.6775



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.



68.3254, 67.1545, 79.8830



85.6884, 82.9680, 100.5658



66.9578, 66.6075, 72.6812



14.8406, 14.5534, 17.3612



22.9184, 11.3016, 24.2631



1.7290, 0.8493, 1.9797

Inverse Universe

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



68.3254, 67.1545, 79.8830



85.6884, 82.9680, 100.5658



67.4072, 74.7995, 80.9818



14.8406, 14.5534, 17.3612



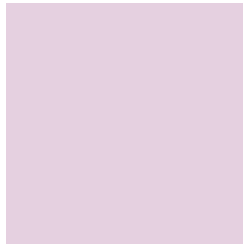
22.9184, 11.3016, 24.2631



1.7290, 0.8493, 1.9797

Previews

White Background



This preview shows how the XYZ color 68.3235, 67.1516, 79.8815 looks on a white background.

Color Contrast Check

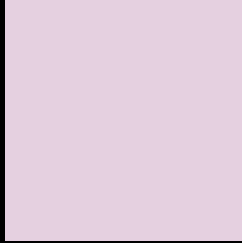
Large Text (above 18pt) WCAG AA × Fail

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 68.3235, 67.1516, 79.8815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

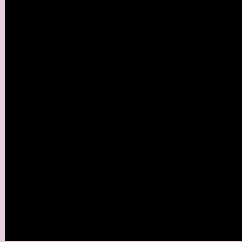
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3235, 67.1516, 79.8815

Background



This preview shows how black text looks on a background with the XYZ color 68.3235, 67.1516, 79.8815.

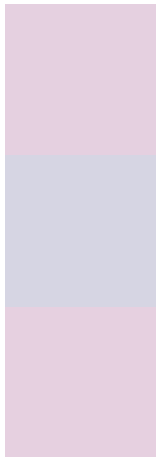


This preview shows how white text looks on a background with the XYZ color 68.3235, 67.1516,

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

68.3235, 67.1516, 79.8815

Protanopia

65.3909, 67.4307, 82.2420

Deuteranopia

68.6435, 67.3166, 79.8965



Tritanopia

68.3235, 67.1516, 79.8815

Trichromacy



Original Color

68.3235, 67.1516, 79.8815

Protanomaly

66.2352, 67.1396, 81.4198

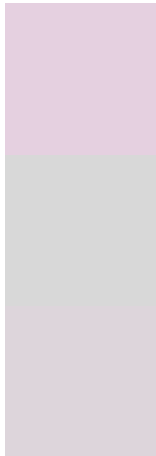
Deuteranomaly

68.6435, 67.3166, 79.8965

Tritanomaly

68.3235, 67.1516, 79.8815

Monochromacy



Original Color

68.3235, 67.1516, 79.8815

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.3992, 68.0751, 76.6580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3235, 67.1516, 79.8815 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(229, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(229, 208, 224)  
}
```

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(229, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 208, 224) }
```

Border

The CSS property to change the border of an element to XYZ 68.3235, 67.1516, 79.8815 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(229, 208, 224) }
```


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

```
.border{ border-color:rgb(229, 208, 224) }
```

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

Here you see how a box with a 4 pixel rgb(229, 208, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(229, 208,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3235, 67.1516, 79.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 208, 224) }
```

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

```
.background{ background-color: rgb(229,  
208, 224) }
```

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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