

Converting Colors

XYZ(67.0079, 66.1239, 82.5719)

Have a look what the booklet for
XYZ(67.0079, 66.1239, 82.5719)
contains.

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Color

**XYZ(67.0569, 66.0744,
82.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CFE4
RGB	224, 207, 228
RGB Percent	88%, 81%, 89%
CMY	0.1216, 0.1882, 0.1059
CMYK	0.02, 0.09, 0.00, 0.11
HSL	289°, 28%, 85%
HSV	289°, 9%, 89%
XYZ	67.0569, 66.0744, 82.6181
YIQ	214.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

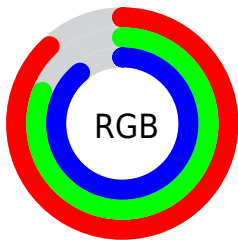
Format	Color
R_{YB}	224, 207, 228
Decimal	14733284
CIE _{Lab}	85.03, 9.62, -8.22
CIE _{LCh}	85, 12.655, 319.488
Yxy	66.0744, 0.3108, 0.3063
Android (android.graphics.Color)	4292923364 (0xFFE0CFE4)
YUV	214.4770, 6.6668, 8.3517
Hunter-Lab	81.2862, 5.0025, -3.3612

Details

The XYZ color **67.0569, 66.0744, 82.6181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8723, 73.8424, 69.8160**, and the grayscale version is **64.1944, 67.5375, 73.5483**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2962, 34.2346, 44.2828** is the 20% darker color. If you saturate the color by 10%, you get **60.5988, 55.1301, 80.8470**, and if you desaturate by 10%, it is **74.3509, 78.6373, 84.6595**.

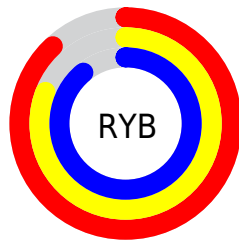
Distribution



Red (88%)

Green (81%)

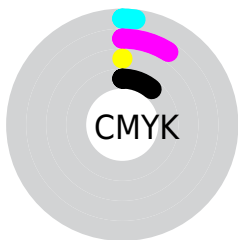
Blue (89%)



Red (88%)

Yellow (81%)

Blue (89%)

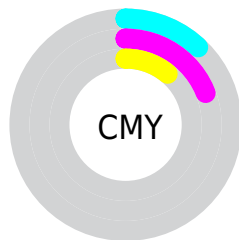


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0569, 66.0744, 82.6181 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 67.0569, 66.0744, 82.6181 by changing the saturation by 10% instead.

67.0569, 66.0744,
82.6181

67.0569, 66.0744,
82.6181

439.5766,
446.6429, 523.6505

49.4017, 48.3328,
61.3364

114.0513,
113.5931, 138.8849

35.1541, 34.0905,
44.0644

144.1212,
144.1390, 174.7070

23.9487, 22.9631,
30.3836

179.0601,
179.7218, 216.2131

15.4201, 14.5663,
19.8754

219.2333,
220.7259, 263.8215

9.2030, 8.5156,
12.1213

265.0062,
267.5356, 317.9510

4.9320, 4.4266,
6.7028

316.7442,

2.2418, 1.9149,

320.5355, 379.0199

3.2013

374.8125,
380.1098, 447.4469

■ 0.7646, 0.5573,
1.1983

■ 0.0000, 0.0000,
0.0000

■ 67.0569, 66.0744,
82.6181

■ 67.0569, 66.0744,
82.6181

■ 60.5988, 55.1301,
80.8470

■ 74.3509, 78.6373,
84.6595

■ 54.9364, 45.7278,
79.3306

■ 82.5072, 92.8745,
86.9777

■ 50.0351, 37.7972,
78.0582

■ 84.6994, 95.1315,
87.2978

■ 45.8550, 31.2592,
77.0165

■ 86.1676, 95.8883,
87.3665

42.3528, 26.0273,
76.1913

87.6711, 96.6634,
87.4369

39.4800, 22.0053,
75.5663

89.2102, 97.4569,
87.5089

37.1817, 19.0833,
75.1235

90.7852, 98.2688,
87.5826

35.3925, 17.1314,
74.8410

91.0038, 98.3815,
87.5929

34.0096, 15.9440,
74.6847

Harmonies

Analogous

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



64.6460, 66.0744, 87.7612



67.0569, 66.0744, 82.6181



68.3402, 66.0744, 74.8427

Triad

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



67.0569, 66.0744, 82.6181



63.8059, 66.0744, 57.6018



57.7804, 66.0744, 77.3026

Complementary

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



67.0569, 66.0744, 82.6181



65.8723, 73.8424, 69.8160

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.



57.5709, 66.0744, 69.1208



67.0569, 66.0744, 82.6181



60.9929, 66.0744, 58.1511

Square

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



67.0569, 66.0744, 82.6181



66.4260, 66.0744, 60.6690



58.7305, 66.0744, 62.2309



59.3118, 66.0744, 84.5355

Rectangle

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



67.0569, 66.0744, 82.6181



68.3582, 66.0744, 69.3899



58.7305, 66.0744, 62.2309



57.5549, 66.0744, 74.5595

Sweetspot

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



67.0588, 66.0772, 82.6195



92.1238, 94.9405, 108.0776



63.0824, 65.5578, 82.7289



19.5545, 20.0388, 23.0872



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.



67.0588, 66.0772, 82.6195



84.8068, 82.3914, 106.0411



67.4544, 66.3804, 78.1558



14.7119, 14.4692, 18.1618



19.6747, 9.2086, 43.1236



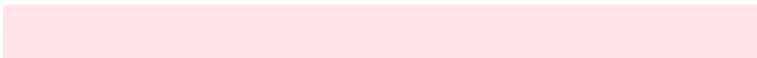
1.5234, 0.7163, 3.1899

Inverse Universe

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



66.0679, 65.8258, 70.8547



83.3026, 82.0137, 88.0024



65.5262, 73.5732, 73.9008



14.4886, 14.4126, 15.5074



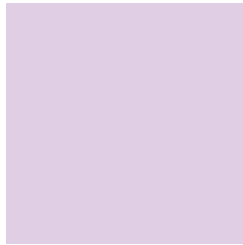
18.7638, 9.6397, 2.3853



1.4185, 0.7251, 0.3442

Previews

White Background



This preview shows how the XYZ color 67.0569, 66.0744, 82.6181 looks on a white background.

Color Contrast Check

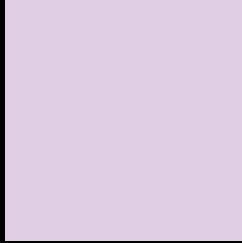
Large Text (above 18pt) WCAG AA × Fail

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 67.0569, 66.0744, 82.6181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

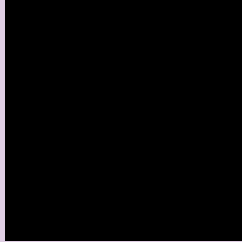
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0569, 66.0744, 82.6181

Background



This preview shows how black text looks on a background with the XYZ color 67.0569, 66.0744, 82.6181.



This preview shows how white text looks on a background with the XYZ color 67.0569, 66.0744,

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

67.0569, 66.0744, 82.6181

Protanopia

64.4412, 66.1506, 84.2348

Deuteranopia

67.4389, 65.9128, 82.5668



Tritanopia

66.4418, 66.1815, 79.7935

Trichromacy



Original Color

67.0569, 66.0744, 82.6181

Protanomaly

65.5084, 66.3493, 83.4828

Deuteranomaly

67.1262, 65.7516, 82.5522

Tritanomaly

66.5779, 66.2360, 80.5099

Monochromacy



Original Color

67.0569, 66.0744, 82.6181

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.9939, 66.6084, 76.4490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0569, 66.0744, 82.6181 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, 207, 228)` looks like.

```
.text, #text, p{  
    color:rgb(224, 207, 228)  
}
```

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, 207, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 207, 228) }
```

Border

The CSS property to change the border of an element to XYZ 67.0569, 66.0744, 82.6181 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, 207, 228) }
```


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

```
.border{ border-color:rgb(224, 207, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 207, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 207, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 207, 228);  
box-shadow:4px 4px 4px 4px rgb(224, 207,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0569, 66.0744, 82.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 207, 228) }
```

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

```
.background{ background-color: rgb(224,  
207, 228) }
```

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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