

Converting Colors

XYZ(69.9116, 68.1049, 90.3497)

Have a look what the booklet for
XYZ(69.9116, 68.1049, 90.3497)
contains.

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Color

**XYZ(69.9116, 68.1049,
90.3497)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D1EE
RGB	227, 209, 238
RGB Percent	89%, 82%, 93%
CMY	0.1098, 0.1804, 0.0667
CMYK	0.05, 0.12, 0.00, 0.07
HSL	277°, 46%, 88%
HSV	277°, 12%, 93%
XYZ	69.9116, 68.1049, 90.3497
YIQ	217.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

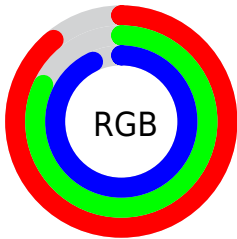
Format	Color
R _Y B	227, 209, 238
Decimal	14930414
CIE _{Lab}	86.06, 11.43, -11.98
CIE _{LCh}	86, 16.558, 313.674
Yxy	68.1049, 0.3061, 0.2982
Android (android.graphics.Color)	4293120494 (0xFFE3D1EE)
YUV	217.6880, 10.0138, 8.1666
Hunter-Lab	82.5257, 6.7962, -7.1431

Details

The XYZ color **69.9116, 68.1049, 90.3497** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.6009, 80.9700, 72.1800**, and the grayscale version is **66.3600, 69.8159, 76.0296**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1781, 35.5907, 49.1662** is the 20% darker color. If you saturate the color by 10%, you get **61.7301, 55.8582, 88.4181**, and if you desaturate by 10%, it is **79.1188, 82.1789, 92.5820**.

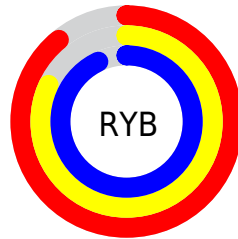
Distribution



Red (89%)

Green (82%)

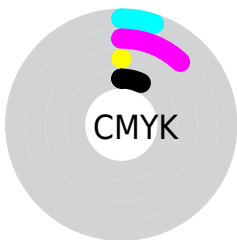
Blue (93%)



Red (89%)

Yellow (82%)

Blue (93%)

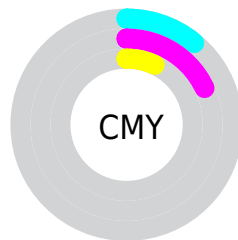


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9116, 68.1049, 90.3497 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 69.9116, 68.1049, 90.3497 by changing the saturation by 10% instead.

69.9116, 68.1049,
90.3497

69.9116, 68.1049,
90.3497

449.5108,
453.8676, 549.7672

51.7338, 49.9831,
67.6954

118.1096,
116.5022, 149.7638

37.0164, 35.4000,
49.1848

148.8606,
147.5465, 187.3607

25.3939, 23.9711,
34.3995

184.5333,
183.6670, 230.7755

16.5010, 15.3122,
22.9208

225.4932,
225.2482, 280.4267

9.9725, 9.0388,
14.3303

272.1055,
272.6745, 336.7330

5.4428, 4.7665,
8.2094

324.7356,

2.5468, 2.1109,

326.3302, 400.1128

4.1395

383.7489,
386.5998, 470.9847

■ 0.9189, 0.6708,
1.7022

■ 0.0000, 0.0000,
0.3622

■ 69.9116, 68.1049,
90.3497

■ 69.9116, 68.1049,
90.3497

■ 61.7301, 55.8582,
88.4181

■ 79.1188, 82.1789,
92.5820

■ 54.5273, 45.3518,
86.7698

■ 88.8695, 97.1162,
94.9513

■ 48.2616, 36.5047,
85.3924

■ 92.0979, 98.7805,
95.1024

■ 42.8856, 29.2255,
84.2707

■ 92.4328, 98.9531,
95.1180

■ 38.3473, 23.4141,
83.3882

■ 34.5889, 18.9583,
82.7262

■ 31.5440, 15.7292,
82.2634

■ 29.1330, 13.5716,
81.9740

■ 27.5940, 12.4425,
81.8372

Harmonies

Analogous

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



66.4750, 68.1049, 96.4117



69.9116, 68.1049, 90.3497



72.0029, 68.1049, 80.1963

Triad

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



69.9116, 68.1049, 90.3497



66.8082, 68.1049, 55.8245



57.8859, 68.1049, 79.2142

Complementary

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



69.9116, 68.1049, 90.3497



71.6009, 80.9700, 72.1800

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.



57.9672, 68.1049, 68.4243



69.9116, 68.1049, 90.3497



63.0191, 68.1049, 55.6172

Square

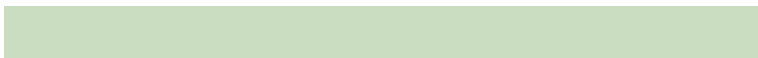
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9116, 68.1049, 90.3497



70.1638, 68.1049, 60.6177



59.8141, 68.1049, 60.0207



59.5874, 68.1049, 89.5703

Rectangle

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



69.9116, 68.1049, 90.3497



72.3036, 68.1049, 72.8214



59.8141, 68.1049, 60.0207



57.7077, 68.1049, 75.5041

Sweetspot

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



69.9136, 68.1078, 90.3512



90.4727, 92.9374, 107.7780



67.3536, 70.9789, 91.0403



19.1854, 19.6166, 23.0252



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.



69.9136, 68.1078, 90.3512



78.9001, 75.3280, 104.9890



73.0024, 69.7570, 87.9253



15.8396, 15.7145, 19.9200



15.5429, 7.0180, 45.6633



1.4032, 0.6407, 3.8039

Inverse Universe

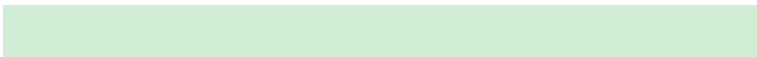
The Inverse Universe completely reimagines the original color for something new.



70.9810, 68.9485, 77.2809



80.4491, 76.5412, 86.3280



68.8036, 79.4790, 74.2590



16.0209, 15.8581, 17.6662



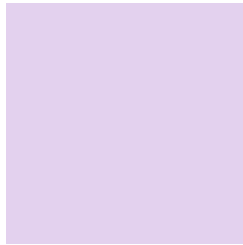
20.7659, 10.5788, 6.6839



1.7745, 0.8988, 0.8032

Previews

White Background



This preview shows how the XYZ color 69.9116, 68.1049, 90.3497 looks on a white background.

Color Contrast Check

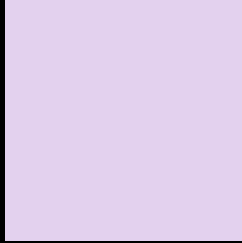
Large Text (above 18pt) WCAG AA × Fail

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 69.9116, 68.1049, 90.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

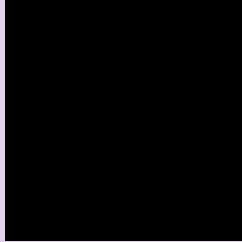
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9116, 68.1049, 90.3497

Background



This preview shows how black text looks on a background with the XYZ color 69.9116, 68.1049, 90.3497.



This preview shows how white text looks on a background with the XYZ color 69.9116, 68.1049,

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

69.9116, 68.1049, 90.3497

Protanopia

67.0751, 68.4411, 92.8943

Deuteranopia

69.5971, 67.9427, 90.3350



Tritanopia

68.2107, 68.1421, 82.2307

Trichromacy



Original Color

69.9116, 68.1049, 90.3497

Protanomaly

67.8869, 68.1300, 92.0104

Deuteranomaly

69.5971, 67.9427, 90.3350

Tritanomaly

68.8344, 68.0315, 85.1047

Monochromacy



Original Color

69.9116, 68.1049, 90.3497

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.7098, 69.4093, 81.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9116, 68.1049, 90.3497 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(227, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 238)  
}
```

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(227, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 238) }
```

Border

The CSS property to change the border of an element to XYZ 69.9116, 68.1049, 90.3497 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(227, 209, 238) }
```


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

```
.border{ border-color:rgb(227, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 238);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9116, 68.1049, 90.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 238) }
```

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

```
.background{ background-color: rgb(227,  
209, 238) }
```

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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