

Converting Colors

XYZ(69.5121, 67.6622,
100.9731)

Have a look what the booklet for
XYZ(69.5121, 67.6622, 100.9731)
contains.

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Color

**XYZ(69.4265, 67.6260,
100.6607)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD1FB
RGB	219, 209, 251
RGB Percent	86%, 82%, 98%
CMY	0.1412, 0.1804, 0.0157
CMYK	0.13, 0.17, 0.00, 0.02
HSL	254°, 84%, 90%
HSV	254°, 17%, 98%
XYZ	69.4265, 67.6260, 100.6607
YIQ	216.7780, -7.5220, 15.1820

Conversions

Conversions Part 2

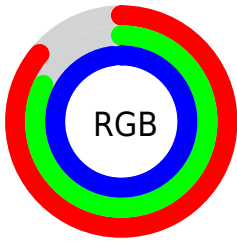
Format	Color
R _Y B	219, 209, 251
Decimal	14406139
CIE Lab	85.82, 11.42, -19.28
CIE LCh	86, 22.412, 300.638
Yxy	67.6260, 0.2921, 0.2845
Android (android.graphics.Color)	4292596219 (0xFFDDBD1FB)
YUV	216.7780, 16.8714, 1.9487
Hunter-Lab	82.2350, 6.7864, -15.0101

Details

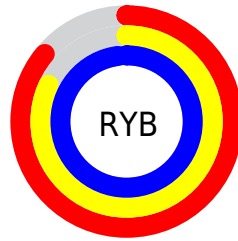
The XYZ color **69.4265, 67.6260, 100.6607** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2836, 92.3002, 73.8036**, and the grayscale version is **65.6950, 69.1162, 75.2676**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7688, 35.2302, 55.9011** is the 20% darker color. If you saturate the color by 10%, you get **58.3202, 53.4690, 98.5146**, and if you desaturate by 10%, it is **82.1681, 84.0697, 103.1642**.

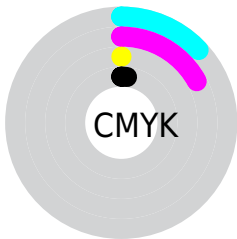
Distribution



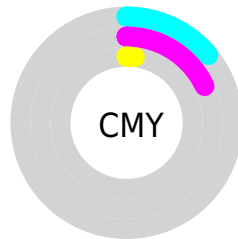
- Red (86%)
- Green (82%)
- Blue (98%)



- Red (86%)
- Yellow (82%)
- Blue (98%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4265, 67.6260, 100.6607 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 69.4265, 67.6260, 100.6607 by changing the saturation by 10% instead.

69.4265, 67.6260,
100.6607

69.4265, 67.6260,
100.6607

447.8317,
452.1698, 583.5736

51.3370, 49.5935,
76.2325

117.4213,
115.8169, 164.1246

36.6990, 35.0905,
56.1154

148.0573,
146.7442, 203.9974

25.1472, 23.7326,
39.8908

183.6062,
182.7385, 249.8555

16.3160, 15.1354,
27.1403

224.4334,
224.1843, 302.1173

9.8403, 8.9145,
17.4452

270.9041,
271.4659, 361.2015

5.3547, 4.6854,
10.3871

323.3839,

2.4937, 2.0639,

324.9678, 427.5266

5.5474

382.2379,
385.0743, 501.5111

■ 0.8921, 0.6442,
2.5076

■ 0.0000, 0.0000,
0.8442

■ 69.4265, 67.6260,
100.6607

■ 69.4265, 67.6260,
100.6607

■ 58.3202, 53.4690,
98.5146

■ 82.1681, 84.0697,
103.1642

■ 48.7755, 41.4881,
96.7051

■ 94.4128, 99.7451,
105.5445

■ 40.7220, 31.5762,
95.2164

■ 34.0812, 23.6136,
94.0294

■ 28.7674, 17.4680,
93.1233

■ 24.6847, 12.9904,
92.4742

■ 21.7232, 10.0071,
92.0544

■ 19.7489, 8.3016,
91.8293

■ 19.2614, 7.9181,
91.7810

Harmonies

Analogous

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



64.3863, 67.6260, 105.5861



69.4265, 67.6260, 100.6607



73.2463, 67.6260, 88.3446

Triad

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



69.4265, 67.6260, 100.6607



69.2266, 67.6260, 51.6878



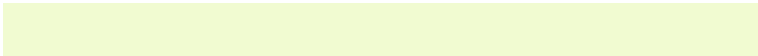
54.9242, 67.6260, 73.9479

Complementary

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



69.4265, 67.6260, 100.6607



82.2836, 92.3002, 73.8036

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.



56.0706, 67.6260, 60.6530



69.4265, 67.6260, 100.6607



64.1668, 67.6260, 48.8802

Square

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



69.4265, 67.6260, 100.6607



73.1267, 67.6260, 60.1760



59.3877, 67.6260, 51.9364



56.1708, 67.6260, 88.9605

Rectangle

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



69.4265, 67.6260, 100.6607



74.4903, 67.6260, 78.3165



59.3877, 67.6260, 51.9364



55.0418, 67.6260, 69.1404

Sweetspot

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



69.4286, 67.6288, 100.6622



87.6324, 90.3370, 107.4258



75.2238, 83.5514, 103.4301



18.5414, 19.0559, 22.9509



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.



69.4286, 67.6288, 100.6622



68.0035, 65.0262, 103.5749



76.0825, 71.0590, 100.9736



16.6698, 16.8424, 21.7576



10.2315, 4.2172, 48.2483



1.0378, 0.4371, 4.4728

Inverse Universe

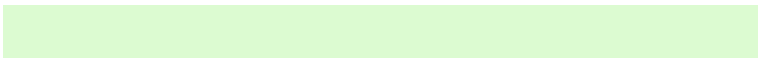
The Inverse Universe completely reimagines the original color for something new.



78.4634, 72.4638, 93.0732



78.9892, 70.9083, 94.2058



75.5837, 88.8463, 73.4900



17.8060, 17.4498, 20.8340



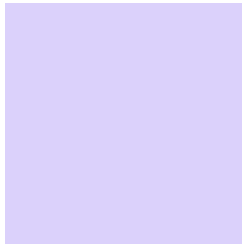
25.9290, 12.7873, 27.3982



2.4425, 1.2007, 2.7535

Previews

White Background



This preview shows how the XYZ color 69.4265, 67.6260, 100.6607 looks on a white background.

Color Contrast Check

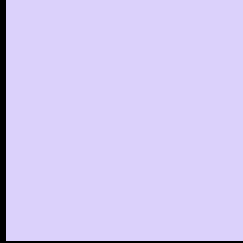
Large Text (above 18pt) WCAG AA × Fail

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 69.4265, 67.6260, 100.6607 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 69.4265, 67.6260, 100.6607

Background



This preview shows how black text looks on a background with the XYZ color 69.4265, 67.6260, 100.6607.

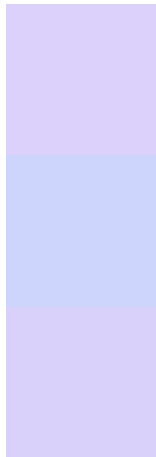


This preview shows how white text looks on a background with the XYZ color 69.4265, 67.6260,

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

69.4265, 67.6260, 100.6607

Protanopia

66.9775, 67.8022, 102.4855

Deuteranopia

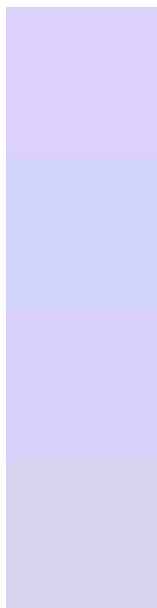
69.1265, 67.4714, 100.6467



Tritanopia

66.1015, 67.7487, 84.4558

Trichromacy



Original Color

69.4265, 67.6260, 100.6607

Protanomaly

67.9781, 67.9641, 101.6310

Deuteranomaly

69.1265, 67.4714, 100.6467

Tritanomaly

67.2950, 67.8589, 90.4402

Monochromacy



Original Color

69.4265, 67.6260, 100.6607

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.1029, 68.6557, 83.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4265, 67.6260, 100.6607 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(219, 209, 251)` looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 251)  
}
```

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(219, 209, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 251) }
```

Border

The CSS property to change the border of an element to XYZ 69.4265, 67.6260, 100.6607 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(219, 209, 251) }
```


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

```
.border{ border-color:rgb(219, 209, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 209, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 209, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 209, 251);  
box-shadow:4px 4px 4px 4px rgb(219, 209,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4265, 67.6260, 100.6607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 251) }
```

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

```
.background{ background-color: rgb(219,  
209, 251) }
```

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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