

Converting Colors

XYZ(67.8858, 66.4136,
103.0071)

Have a look what the booklet for
XYZ(67.8858, 66.4136, 103.0071)
contains.

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Color

**XYZ(67.8858, 66.4136,
103.0071)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D0FE
RGB	213, 208, 254
RGB Percent	84%, 82%, 100%
CMY	0.1647, 0.1843, 0.0039
CMYK	0.16, 0.18, 0.00, 0.00
HSL	247°, 96%, 91%
HSV	247°, 18%, 100%
XYZ	67.8858, 66.4136, 103.0071
YIQ	214.7390, -11.7860, 15.3660

Conversions

Conversions Part 2

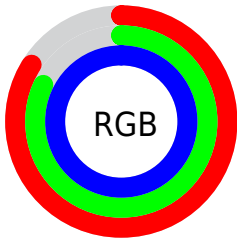
Format	Color
R _Y B	213, 208, 254
Decimal	14012670
CIE Lab	85.21, 10.70, -21.84
CIE LCh	85, 24.323, 296.109
Yxy	66.4136, 0.2861, 0.2799
Android (android.graphics.Color)	4292202750 (0xFFD5D0FE)
YUV	214.7390, 19.3557, -1.5251
Hunter-Lab	81.4945, 6.0769, -17.8949

Details

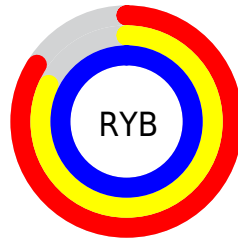
The XYZ color **67.8858, 66.4136, 103.0071** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8962, 95.5791, 73.5989**, and the grayscale version is **64.2955, 67.6439, 73.6642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7342, 34.4115, 57.5820** is the 20% darker color. If you saturate the color by 10%, you get **56.0674, 51.8537, 100.8207**, and if you desaturate by 10%, it is **81.6168, 83.4349, 105.5699**.

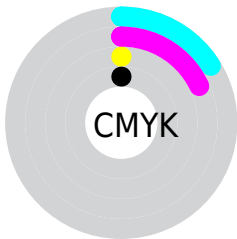
Distribution



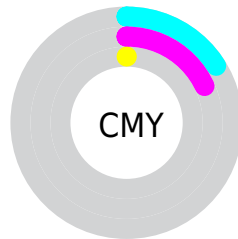
- Red (84%)
- Green (82%)
- Blue (100%)



- Red (84%)
- Yellow (82%)
- Blue (100%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8858, 66.4136, 103.0071 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 67.8858, 66.4136, 103.0071 by changing the saturation by 10% instead.

67.8858, 66.4136,
103.0071

67.8858, 66.4136,
103.0071

442.4744,
447.8546, 591.1201

50.0782, 48.6082,
78.1834

115.2316,
114.0798, 167.3713

35.6936, 34.3088,
57.7073

145.5004,
144.7093, 207.7490

24.3666, 23.1309,
41.1603

180.6537,
180.3824, 254.1483

15.7320, 14.6902,
28.1237

221.0568,
221.4834, 306.9880

9.4244, 8.6023,
18.1791

267.0751,
268.3968, 366.6864

5.0783, 4.4827,
10.9079

319.0738,

2.3285, 1.9471,

321.5068, 433.6622

5.8915

377.4185,
381.1980, 508.3340

■ 0.8092, 0.5764,
2.7115

■ 0.0000, 0.0000,
0.9492

■ 67.8858, 66.4136,
103.0071

■ 67.8858, 66.4136,
103.0071

■ 56.0674, 51.8537,
100.8207

■ 81.6168, 83.4349,
105.5699

■ 46.0705, 39.6333,
98.9888

94.8896, 99.9358,
108.0554

■ 37.8058, 29.6325,
97.4941

■ 31.1740, 21.7173,
96.3158

■ 26.0659, 15.7393,
95.4312

■ 22.3582, 11.5304,
94.8142

■ 19.9084, 8.8935,
94.4343

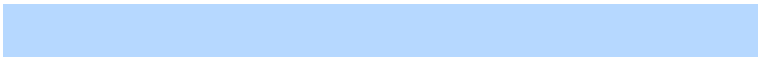
■ 18.5337, 7.5653,
94.2504

■ 18.3576, 7.3971,
94.2273

Harmonies

Analogous

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



62.4104, 66.4136, 106.8728



67.8858, 66.4136, 103.0071



72.3008, 66.4136, 90.5193

Triad

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



67.8858, 66.4136, 103.0071



69.1967, 66.4136, 50.0039



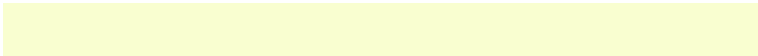
53.1649, 66.4136, 70.2807

Complementary

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



67.8858, 66.4136, 103.0071



85.8962, 95.5791, 73.5989

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.



54.7588, 66.4136, 56.7281



67.8858, 66.4136, 103.0071



63.8433, 66.4136, 46.1447

Square

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



67.8858, 66.4136, 103.0071



73.0880, 66.4136, 59.8049



58.5905, 66.4136, 48.4165



54.1097, 66.4136, 86.4540

Rectangle

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



67.8858, 66.4136, 103.0071



73.9388, 66.4136, 79.8183



58.5905, 66.4136, 48.4165



53.4190, 66.4136, 65.2938

Sweetspot

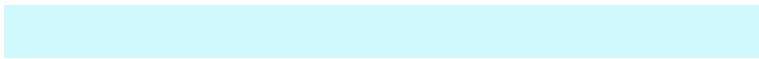
The Sweet Spot groups the original color and five complimentary colors.



67.8879, 66.4163, 103.0086



87.0584, 90.0411, 107.3989



77.9033, 88.5663, 106.7561



18.4024, 18.9842, 22.9444



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.



67.8879, 66.4163, 103.0086



63.6260, 60.9993, 103.0283



74.9069, 70.0348, 103.3371



17.1862, 17.4722, 22.7166



9.7361, 3.9296, 49.6799



1.0050, 0.4120, 4.8398

Inverse Universe

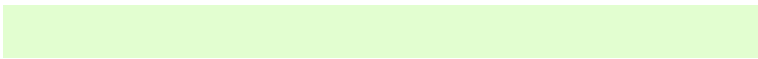
The Inverse Universe completely reimagines the original color for something new.



80.5300, 73.0249, 99.4763



78.7244, 68.8944, 98.6932



78.3186, 91.6728, 73.2443



18.7026, 18.2644, 22.3171



28.8490, 14.0289, 39.4510



2.8322, 1.3753, 3.9640

Previews

White Background



This preview shows how the XYZ color 67.8858, 66.4136, 103.0071 looks on a white background.

Color Contrast Check

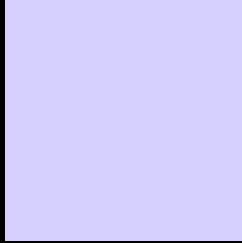
Large Text (above 18pt) WCAG AA × Fail

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 67.8858, 66.4136, 103.0071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

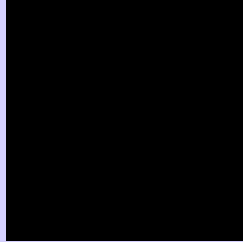
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.8858, 66.4136, 103.0071

Background



This preview shows how black text looks on a background with the XYZ color 67.8858, 66.4136, 103.0071.

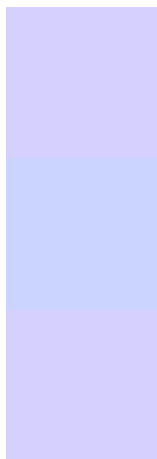


This preview shows how white text looks on a background with the XYZ color 67.8858, 66.4136,

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

67.8858, 66.4136, 103.0071

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

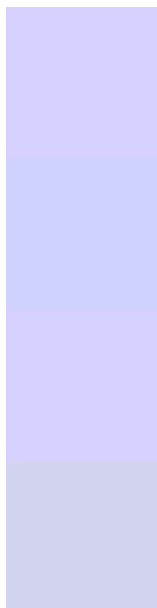
67.8858, 66.4136, 103.0071



Tritanopia

63.9808, 66.2994, 83.5537

Trichromacy



Original Color

67.8858, 66.4136, 103.0071

Protanomaly

66.8287, 66.5786, 103.9364

Deuteranomaly

67.8858, 66.4136, 103.0071

Tritanomaly

65.3052, 66.4632, 90.2756

Monochromacy



Original Color

67.8858, 66.4136, 103.0071

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4179, 67.0403, 83.6209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8858, 66.4136, 103.0071 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(213, 208, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 208, 254)  
}
```

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(213, 208, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 208, 254) }
```

Border

The CSS property to change the border of an element to XYZ 67.8858, 66.4136, 103.0071 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(213, 208, 254) }
```


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

```
.border{ border-color:rgb(213, 208, 254) }
```

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

Here you see how a box with a 4 pixel rgb(213, 208, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 208, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 208, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 208,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8858, 66.4136, 103.0071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 208, 254) }
```

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

```
.background{ background-color: rgb(213,  
208, 254) }
```

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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