

Converting Colors

XYZ(68.8183, 66.7804,
100.3471)

Have a look what the booklet for
XYZ(68.8183, 66.7804, 100.3471)
contains.

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Color

**XYZ(68.8819, 66.9822,
100.5652)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD0FB
RGB	218, 208, 251
RGB Percent	85%, 82%, 98%
CMY	0.1451, 0.1843, 0.0157
CMYK	0.13, 0.17, 0.00, 0.02
HSL	254°, 84%, 90%
HSV	254°, 17%, 98%
XYZ	68.8819, 66.9822, 100.5652
YIQ	215.8920, -7.8430, 15.4930

Conversions

Conversions Part 2

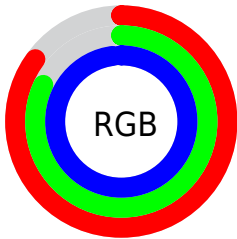
Format	Color
R _Y B	218, 208, 251
Decimal	14340347
CIE Lab	85.49, 11.64, -19.78
CIE LCh	85, 22.950, 300.471
Yxy	66.9822, 0.2913, 0.2833
Android (android.graphics.Color)	4292530427 (0xFFDAD0FB)
YUV	215.8920, 17.3082, 1.8487
Hunter-Lab	81.8427, 7.0078, -15.5635

Details

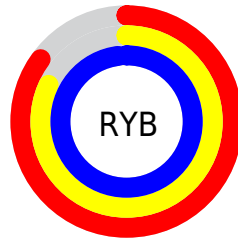
The XYZ color **68.8819, 66.9822, 100.5652** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1603, 92.2509, 73.1535**, and the grayscale version is **65.0882, 68.4779, 74.5724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3975, 34.7928, 55.8363** is the 20% darker color. If you saturate the color by 10%, you get **57.8104, 52.8991, 98.4315**, and if you desaturate by 10%, it is **81.5954, 83.3528, 103.0560**.

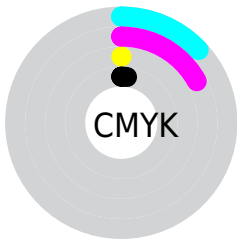
Distribution



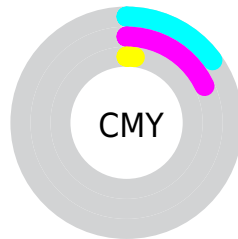
- Red (85%)
- Green (82%)
- Blue (98%)



- Red (85%)
- Yellow (82%)
- Blue (98%)



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



- Cyan (15%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8819, 66.9822, 100.5652 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 68.8819, 66.9822, 100.5652 by changing the saturation by 10% instead.

68.8819, 66.9822,
100.5652

68.8819, 66.9822,
100.5652

445.9422,
449.8814, 583.2654

50.8918, 49.0702,
76.1531

116.6479,
114.8949, 163.9923

36.3432, 34.6751,
56.0507

147.1545,
145.6644, 203.8445

24.8707, 23.4127,
39.8393

182.5640,
181.4884, 249.6804

16.1090, 14.8986,
27.1004

223.2417,
222.7515, 301.9186

9.6926, 8.7482,
17.4156

269.5531,
269.8379, 360.9777

5.2563, 4.5773,
10.3661

321.8633,

2.4347, 2.0015,

323.1321, 427.2761

5.5336

380.5380,
383.0185, 501.2325

■ 0.8625, 0.6083,
2.4995

■ 0.0000, 0.0000,
0.8399

■ 68.8819, 66.9822,
100.5652

■ 68.8819, 66.9822,
100.5652

■ 57.8104, 52.8991,
98.4315

■ 81.5954, 83.3528,
103.0560

■ 48.3066, 40.9926,
96.6342

■ 94.4128, 99.7451,
105.5445

■ 40.2993, 31.1547,
95.1573

■ 33.7092, 23.2650,
93.9818

■ 28.4494, 17.1905,
93.0865

■ 24.4231, 12.7808,
92.4476

■ 21.5185, 9.8606,
92.0370

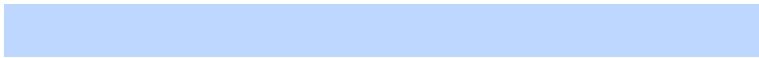
■ 19.5983, 8.2078,
91.8192

■ 19.1789, 7.8756,
91.7772

Harmonies

Analogous

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



63.7470, 66.9822, 105.5542



68.8819, 66.9822, 100.5652



72.7867, 66.9822, 88.0089

Triad

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



68.8819, 66.9822, 100.5652



68.7316, 66.9822, 50.7051



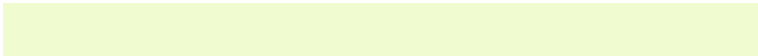
54.1618, 66.9822, 73.1684

Complementary

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



68.8819, 66.9822, 100.5652



82.1603, 92.2509, 73.1535

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.



55.3384, 66.9822, 59.6839



68.8819, 66.9822, 100.5652



63.5822, 66.9822, 47.8366

Square

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



68.8819, 66.9822, 100.5652



72.6966, 66.9822, 59.3271



58.7176, 66.9822, 50.8905



55.4134, 66.9822, 88.4730

Rectangle

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



68.8819, 66.9822, 100.5652



74.0659, 66.9822, 77.7865



58.7176, 66.9822, 50.8905



54.2857, 66.9822, 68.2843

Sweetspot

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



68.8840, 66.9850, 100.5667



87.6077, 90.3243, 107.4247



75.0851, 83.6929, 103.4648



18.5355, 19.0528, 22.9506



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.



68.8840, 66.9850, 100.5667



66.7445, 63.4847, 103.3437



75.5054, 70.3984, 100.8766



16.6607, 16.8377, 21.7572



10.1862, 4.1938, 48.2462



1.0324, 0.4343, 4.4726

Inverse Universe

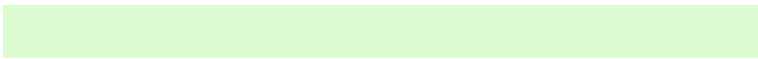
The Inverse Universe completely reimagines the original color for something new.



78.2189, 71.9747, 92.9920



78.3413, 69.6872, 93.7590



75.4552, 88.7943, 72.8397



17.8103, 17.4515, 20.8566



26.0092, 12.8194, 27.8205



2.4493, 1.2035, 2.7893

Previews

White Background



This preview shows how the XYZ color 68.8819, 66.9822, 100.5652 looks on a white background.

Color Contrast Check

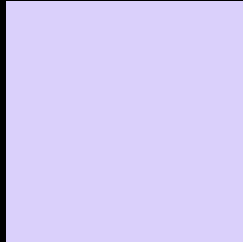
Large Text (above 18pt) WCAG AA × Fail

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 68.8819, 66.9822, 100.5652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

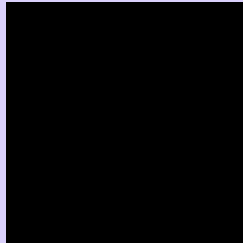
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8819, 66.9822, 100.5652

Background



This preview shows how black text looks on a background with the XYZ color 68.8819, 66.9822, 100.5652.

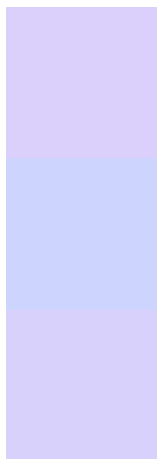


This preview shows how white text looks on a background with the XYZ color 68.8819, 66.9822,

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

68.8819, 66.9822, 100.5652

Protanopia

66.6097, 67.2219, 103.2303

Deuteranopia

68.5320, 67.1649, 100.6189



Tritanopia

65.4179, 67.0403, 83.6209

Trichromacy



Original Color

68.8819, 66.9822, 100.5652

Protanomaly

67.6022, 67.3820, 102.3715

Deuteranomaly

68.8283, 67.3177, 100.6328

Tritanomaly

66.6047, 67.1500, 89.5716

Monochromacy



Original Color

68.8819, 66.9822, 100.5652

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.5524, 67.9974, 83.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8819, 66.9822, 100.5652 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(218, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(218, 208, 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(218, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 208, 251) }
```

Border

The CSS property to change the border of an element to XYZ 68.8819, 66.9822, 100.5652 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(218, 208, 251) }
```


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

```
.border{ border-color:rgb(218, 208, 251) }
```

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

Here you see how a box with a 4 pixel rgb(218, 208, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(218, 208,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8819, 66.9822, 100.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 208, 251) }
```

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

```
.background{ background-color: rgb(218,  
208, 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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