

Converting Colors

XYZ(57.1806, 51.6766, 99.0563)

Have a look what the booklet for
XYZ(57.1806, 51.6766, 99.0563)
contains.

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Color

**XYZ(57.1806, 51.6766,
99.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B4FC
RGB	198, 180, 252
RGB Percent	78%, 71%, 99%
CMY	0.2235, 0.2941, 0.0118
CMYK	0.21, 0.29, 0.00, 0.01
HSL	255°, 92%, 85%
HSV	255°, 29%, 99%
XYZ	57.1806, 51.6766, 99.0563
YIQ	193.5900, -12.3840, 26.2080

Conversions

Conversions Part 2

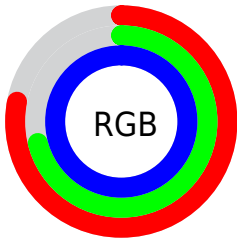
Format	Color
R _Y B	198, 180, 252
Decimal	13022460
CIE Lab	77.09, 20.85, -33.30
CIE LCh	77, 39.289, 302.059
Yxy	51.6766, 0.2750, 0.2485
Android (android.graphics.Color)	4291212540 (0xFFC6B4FC)
YUV	193.5900, 28.7961, 3.8676
Hunter-Lab	71.8864, 16.1829, -31.3785

Details

The XYZ color **57.1806, 51.6766, 99.0563** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.9820, 90.4098, 56.5758**, and the grayscale version is **50.8781, 53.5278, 58.2917**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **28.7674, 24.9585, 54.9310** is the 20% darker color. If you saturate the color by 10%, you get **47.8736, 40.0018, 97.2942**, and if you desaturate by 10%, it is **68.0375, 65.5257, 101.1581**.

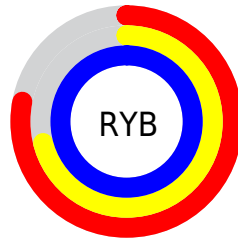
Distribution



Red (78%)

Green (71%)

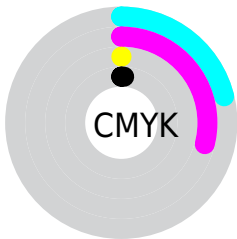
Blue (99%)



Red (78%)

Yellow (71%)

Blue (99%)

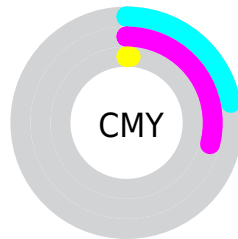


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (29%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1806, 51.6766, 99.0563 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 57.1806, 51.6766, 99.0563 by changing the saturation by 10% instead.

■ 57.1806, 51.6766,
99.0563

■ 57.1806, 51.6766,
99.0563

404.1289,
393.1868, 578.3836

■ 41.3910, 36.7474,
74.9002

■ 99.8585, 92.6541,
161.9003

■ 28.8137, 25.0119,
55.0299

127.4775,
119.4712, 201.4252

■ 19.0835, 16.0860,
39.0269

159.7703,
151.0197, 246.9101

■ 11.8350, 9.5850,
26.4726

197.1022,
187.6839, 298.7736

■ 6.7028, 5.1247,
16.9486

239.8387,
229.8484, 357.4341

■ 3.3216, 2.3206,
10.0363

288.3451,

■ 1.3260, 0.7846,

277.8974, 423.3103

5.3171

342.9867,
332.2154, 496.8206

■ 0.2026, 0.0000,
2.3725

■ 0.0000, 0.0000,
0.7714

■ 57.1806, 51.6766,
99.0563

■ 57.1806, 51.6766,
99.0563

■ 47.8736, 40.0018,
97.2942

■ 68.0375, 65.5257,
101.1581

■ 40.0385, 30.3828,
95.8505

■ 80.5072, 81.6466,
103.6125

■ 33.5977, 22.6996,
94.7070

94.4619, 99.7522,
106.3717

■ 28.4645, 16.8166,
93.8420

94.5709, 99.8083,
106.3768

■ 24.5413, 12.5803,
93.2311

■ 21.7155, 9.8101,
92.8453

■ 19.8365, 8.2544,
92.6441

■ 19.6205, 8.0850,
92.6228

Harmonies

Analogous

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



49.6373, 51.6766, 108.4895



57.1806, 51.6766, 99.0563



62.9982, 51.6766, 77.9352

Triad

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



57.1806, 51.6766, 99.0563



56.1927, 51.6766, 27.0872



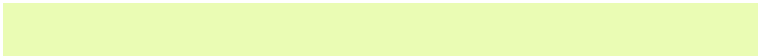
36.0627, 51.6766, 57.7647

Complementary

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



57.1806, 51.6766, 99.0563



76.9820, 90.4098, 56.5758

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.



37.4412, 51.6766, 39.0408



57.1806, 51.6766, 99.0563



48.6005, 51.6766, 24.2500

Square

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



57.1806, 51.6766, 99.0563



62.3883, 51.6766, 37.0600



41.8496, 51.6766, 28.0093



37.8755, 51.6766, 81.1741

Rectangle

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



57.1806, 51.6766, 99.0563



64.8380, 51.6766, 62.1712



41.8496, 51.6766, 28.0093



36.1679, 51.6766, 50.7490

Sweetspot

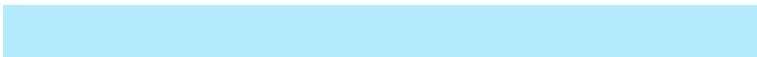
The Sweet Spot groups the original color and five complimentary colors.



57.1823, 51.6787, 99.0575



82.1092, 83.1017, 106.3204



66.1604, 76.2644, 103.3298



17.1553, 17.2425, 22.6739



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.



57.1823, 51.6787, 99.0575



53.3367, 46.2799, 100.7295



67.4326, 56.9629, 99.5372



16.6895, 16.8526, 21.7585



10.3330, 4.2695, 48.2530



1.0496, 0.4432, 4.4734

Inverse Universe

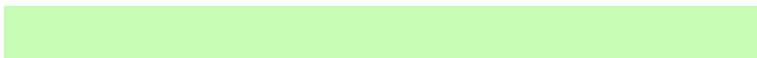
The Inverse Universe completely reimagines the original color for something new.



71.3191, 59.2806, 85.5274



70.0527, 55.2780, 84.3129



66.6566, 85.0869, 56.0925



17.7968, 17.4461, 20.7855



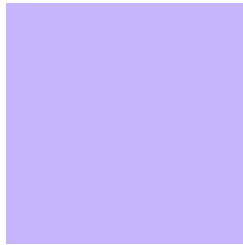
25.7590, 12.7193, 26.5031



2.4280, 1.1949, 2.6772

Previews

White Background



This preview shows how the XYZ color 57.1806, 51.6766, 99.0563 looks on a white background.

Color Contrast Check

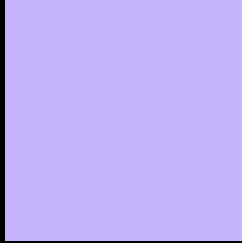
Large Text (above 18pt) WCAG AA × Fail

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 57.1806, 51.6766, 99.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

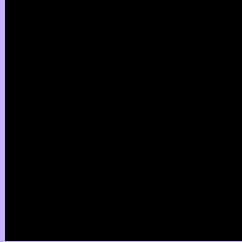
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1806, 51.6766, 99.0563

Background



This preview shows how black text looks on a background with the XYZ color 57.1806, 51.6766, 99.0563.

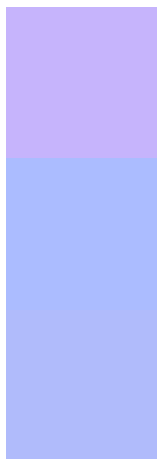


This preview shows how white text looks on a background with the XYZ color 57.1806, 51.6766,

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

57.1806, 51.6766, 99.0563

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.0874, 51.7358, 98.4548



Tritanopia

50.0829, 51.5736, 64.4418

Trichromacy



Original Color

57.1806, 51.6766, 99.0563

Protanomaly

54.2944, 51.6774, 100.8791

Deuteranomaly

54.3202, 51.4364, 98.3320

Tritanomaly

52.3483, 51.5447, 75.5967

Monochromacy



Original Color

57.1806, 51.6766, 99.0563

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.9690, 52.9036, 71.7096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1806, 51.6766, 99.0563 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(198, 180, 252)` looks like.

```
.text, #text, p{  
    color:rgb(198, 180, 252)  
}
```

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(198, 180, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 180, 252) }
```

Border

The CSS property to change the border of an element to XYZ 57.1806, 51.6766, 99.0563 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(198, 180, 252) }
```


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

```
.border{ border-color:rgb(198, 180, 252) }
```

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

Here you see how a box with a 4 pixel rgb(198, 180, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 180, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 180, 252);  
box-shadow:4px 4px 4px 4px rgb(198, 180,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1806, 51.6766, 99.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 180, 252) }
```

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

```
.background{ background-color: rgb(198,  
180, 252) }
```

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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