

Converting Colors

XYZ(59.6809, 58.3524,
100.3669)

Have a look what the booklet for
XYZ(59.6809, 58.3524, 100.3669)
contains.

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Color

**XYZ(59.7851, 58.4301,
100.2226)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C5FC
RGB	194, 197, 252
RGB Percent	76%, 77%, 99%
CMY	0.2392, 0.2274, 0.0118
CMYK	0.23, 0.22, 0.00, 0.01
HSL	237°, 91%, 87%
HSV	237°, 23%, 99%
XYZ	59.7851, 58.4301, 100.2226
YIQ	202.3730, -19.4430, 16.4690

Conversions

Conversions Part 2

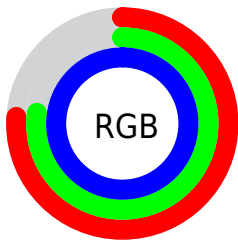
Format	Color
RYB	194, 197, 252
Decimal	12764668
CIELab	80.98, 10.40, -27.35
CIElCh	81, 29.259, 290.820
Yxy	58.4301, 0.2737, 0.2675
Android (android.graphics.Color)	4290954748 (0xFFC2C5FC)
YUV	202.3730, 24.4661, -7.3431
Hunter-Lab	76.4396, 5.8396, -24.2295

Details

The XYZ color **59.7851, 58.4301, 100.2226** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7590, 92.3423, 64.4500**, and the grayscale version is **56.2341, 59.1626, 64.4281**.

A 20% lighter version of the original color is **93.2755, 98.6129, 108.7258**, and **30.3202, 29.0740, 55.6436** is the 20% darker color. If you saturate the color by 10%, you get **48.8551, 45.3701, 98.2788**, and if you desaturate by 10%, it is **72.6756, 73.7802, 102.5070**.

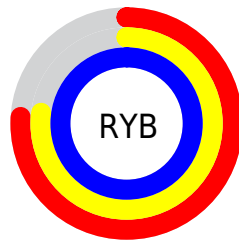
Distribution



Red (76%)

Green (77%)

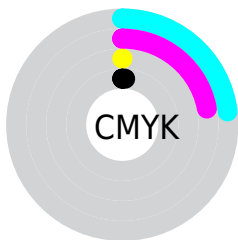
Blue (99%)



Red (76%)

Yellow (77%)

Blue (99%)

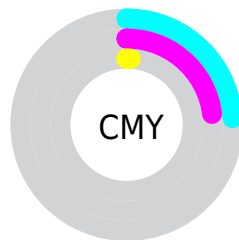


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (24%)

Magenta (23%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7851, 58.4301, 100.2226 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 59.7851, 58.4301, 100.2226 by changing the saturation by 10% instead.

■ 59.7851, 58.4301,
100.2226

■ 59.7851, 58.4301,
100.2226

413.6526,
418.7867, 582.1589

■ 43.4942, 42.1545,
75.8685

■ 103.6260,
102.5489, 163.5176

■ 30.4693, 29.2223,
55.8187

131.9067,
131.1609, 203.2956

■ 20.3449, 19.2491,
39.6546

164.9148,
164.6539, 249.0520

■ 12.7557, 11.8504,
26.9576

203.0156,
203.4122, 301.2054

■ 7.3364, 6.6419,
17.3092

246.5744,
247.8203, 360.1742

■ 3.7215, 3.2392,
10.2909

295.9566,

■ 1.5458, 1.2578,

298.2624, 426.3770

5.4841

351.5276,
355.1231, 500.2324

■ 0.3567, 0.1082,
2.4704

■ 0.0000, 0.0000,
0.8244

■ 59.7851, 58.4301,
100.2226

■ 59.7851, 58.4301,
100.2226

■ 48.8551, 45.3701,
98.2788

■ 72.6756, 73.7802,
102.5070

■ 39.7842, 34.4839,
96.6557

■ 87.6101, 91.5154,
105.1431

■ 32.4705, 25.6554,
95.3371

■ 94.5709, 99.8084,
106.3770

■ 26.8001, 18.7551,
94.3040

■ 22.6456, 13.6387,
93.5354

■ 19.8607, 10.1414,
93.0072

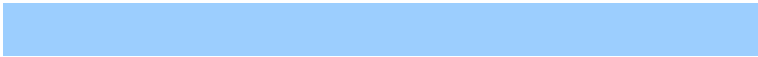
■ 18.2704, 8.0681,
92.6908

■ 17.7153, 7.3172,
92.5751

Harmonies

Analogous

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



53.6963, 58.4301, 102.6150



59.7851, 58.4301, 100.2226



65.0753, 58.4301, 87.1388

Triad

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



59.7851, 58.4301, 100.2226



63.2341, 58.4301, 41.0839



44.8007, 58.4301, 58.4397

Complementary

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



59.7851, 58.4301, 100.2226



83.7590, 92.3423, 64.4500

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.



46.9778, 58.4301, 44.7673



59.7851, 58.4301, 100.2226



57.4173, 58.4301, 36.0172

Square

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



59.7851, 58.4301, 100.2226



67.1651, 58.4301, 52.4723



51.4933, 58.4301, 37.2304



45.3333, 58.4301, 76.2453

Rectangle

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



59.7851, 58.4301, 100.2226



67.2948, 58.4301, 75.2359



51.4933, 58.4301, 37.2304



45.2337, 58.4301, 53.2666

Sweetspot

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



59.7870, 58.4325, 100.2239



83.6211, 86.4423, 106.8855



74.0239, 87.8770, 101.9770



17.6981, 18.2644, 22.8425



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.



59.7870, 58.4325, 100.2239



55.5543, 53.0267, 101.9149



66.1176, 60.6944, 100.3269



16.3551, 16.7870, 21.7635



9.2587, 3.8731, 48.2331



0.8821, 0.4078, 4.4754

Inverse Universe

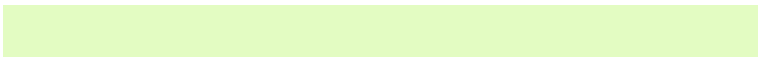
The Inverse Universe completely reimagines the original color for something new.



69.5163, 63.3120, 61.3823



67.2987, 58.9755, 55.0156



76.1859, 89.8263, 64.3635



17.2810, 17.2398, 18.0696



20.9654, 10.8019, 1.2604



1.9542, 1.0054, 0.1820

Previews

White Background



This preview shows how the XYZ color 59.7851, 58.4301, 100.2226 looks on a white background.

Color Contrast Check

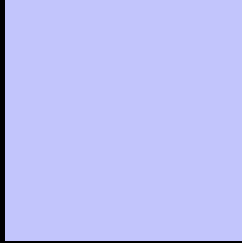
Large Text (above 18pt) WCAG AA × Fail

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 59.7851, 58.4301, 100.2226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

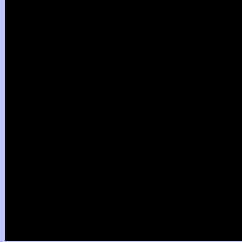
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7851, 58.4301, 100.2226

Background



This preview shows how black text looks on a background with the XYZ color 59.7851, 58.4301, 100.2226.

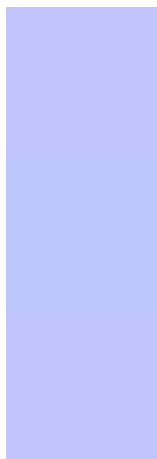


This preview shows how white text looks on a background with the XYZ color 59.7851, 58.4301,

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

59.7851, 58.4301, 100.2226

Protanopia

58.6466, 58.5035, 101.1298

Deuteranopia

59.7851, 58.4301, 100.2226



Tritanopia

54.8812, 58.5177, 75.4203

Trichromacy



Original Color

59.7851, 58.4301, 100.2226

Protanomaly

59.1589, 58.4272, 101.0881

Deuteranomaly

59.7851, 58.4301, 100.2226

Tritanomaly

56.5457, 58.4900, 83.9107

Monochromacy



Original Color

59.7851, 58.4301, 100.2226

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1257, 58.6180, 76.0137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7851, 58.4301, 100.2226 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(194, 197, 252)` looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 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(194, 197, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.7851, 58.4301, 100.2226 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(194, 197, 252) }
```


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

```
.border{ border-color:rgb(194, 197, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 197, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 252);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7851, 58.4301, 100.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 252) }
```

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

```
.background{ background-color: rgb(194,  
197, 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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