

Converting Colors

XYZ(59.5915, 57.6606,
100.0843)

Have a look what the booklet for
XYZ(59.5915, 57.6606, 100.0843)
contains.

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Color

**XYZ(59.5915, 57.6606,
100.0843)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C3FC
RGB	195, 195, 252
RGB Percent	76%, 76%, 99%
CMY	0.2353, 0.2353, 0.0118
CMYK	0.23, 0.23, 0.00, 0.01
HSL	240°, 90%, 88%
HSV	240°, 23%, 99%
XYZ	59.5915, 57.6606, 100.0843
YIQ	201.4980, -18.2970, 17.7270

Conversions

Conversions Part 2

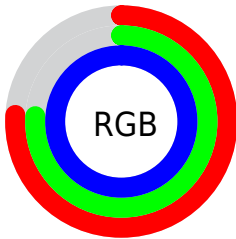
Format	Color
RYB	195, 195, 252
Decimal	12829692
CIELab	80.55, 11.78, -28.00
CIElCh	81, 30.373, 292.820
Yxy	57.6606, 0.2742, 0.2653
Android (android.graphics.Color)	4291019772 (0xFFC3C3FC)
YUV	201.4980, 24.8975, -5.6987
Hunter-Lab	75.9346, 7.1967, -24.9920

Details

The XYZ color **59.5915, 57.6606, 100.0843** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8064, 94.2568, 65.3551**, and the grayscale version is **55.6863, 58.5863, 63.8005**.

A 20% lighter version of the original color is **92.6921, 96.9098, 108.4278**, and **30.1904, 28.5653, 55.5522** is the 20% darker color. If you saturate the color by 10%, you get **48.4440, 44.2287, 98.0802**, and if you desaturate by 10%, it is **72.7943, 73.5691, 102.4601**.

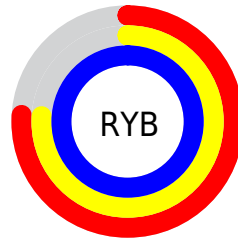
Distribution



Red (76%)

Green (76%)

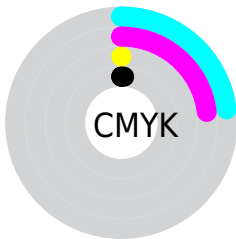
Blue (99%)



Red (76%)

Yellow (76%)

Blue (99%)

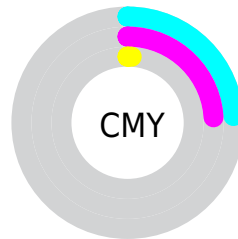


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (24%)

Magenta (24%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5915, 57.6606, 100.0843 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 59.5915, 57.6606, 100.0843 by changing the saturation by 10% instead.

■ 59.5915, 57.6606,
100.0843

■ 59.5915, 57.6606,
100.0843

412.9493,
415.9201, 581.7119

■ 43.3377, 41.5359,
75.7537

■ 103.3466,
101.4285, 163.3259

■ 30.3458, 28.7380,
55.7251

131.5785,
129.8403, 203.0740

■ 20.2506, 18.8827,
39.5800

164.5339,
163.1167, 248.7983

■ 12.6866, 11.5856,
26.9000

202.5780,
201.6420, 300.9173

■ 7.2886, 6.4622,
17.2663

246.0763,
245.8006, 359.8496

■ 3.6912, 3.1281,
10.2606

295.3940,

■ 1.5290, 1.1990,

295.9769, 426.0138

5.4642

350.8966,
352.5552, 499.8284

■ 0.3454, 0.0609,
2.4587

■ 0.0000, 0.0000,
0.8181

■ 59.5915, 57.6606,
100.0843

■ 59.5915, 57.6606,
100.0843

■ 48.4440, 44.2287,
98.0802

■ 72.7943, 73.5691,
102.4601

■ 39.2432, 33.1423,
96.4252

■ 88.1425, 92.0626,
105.2207

■ 31.8792, 24.2692,
95.1007

■ 94.5709, 99.8084,
106.3770

■ 26.2288, 17.4608,
94.0843

■ 22.1538, 12.5506,
93.3513

■ 19.4946, 9.3464,
92.8730

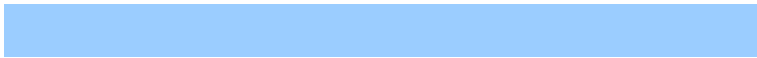
■ 18.0580, 7.6154,
92.6146

■ 17.5709, 7.0285,
92.5270

Harmonies

Analogous

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



53.3185, 57.6606, 103.4237



59.5915, 57.6606, 100.0843



64.9319, 57.6606, 85.9247

Triad

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



59.5915, 57.6606, 100.0843



62.3808, 57.6606, 39.1895



43.7405, 57.6606, 58.5845

Complementary

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



59.5915, 57.6606, 100.0843



84.8064, 94.2568, 65.3551

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.



45.7893, 57.6606, 44.2204



59.5915, 57.6606, 100.0843



56.3182, 57.6606, 34.4862

Square

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



59.5915, 57.6606, 100.0843



66.6257, 57.6606, 50.3752



50.2813, 57.6606, 36.1352



44.4717, 57.6606, 77.0763

Rectangle

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



59.5915, 57.6606, 100.0843



67.0867, 57.6606, 73.4903



50.2813, 57.6606, 36.1352



44.1213, 57.6606, 53.1690

Sweetspot

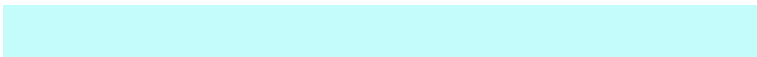
The Sweet Spot groups the original color and five complimentary colors.



59.5934, 57.6629, 100.0856



83.3529, 85.9058, 106.7961



74.7379, 88.1923, 104.3929



17.6363, 18.1408, 22.8219



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.



59.5934, 57.6629, 100.0856



55.9270, 52.8596, 101.8630



67.3803, 61.6768, 100.4500



16.2831, 16.6431, 21.7395



9.1528, 3.6612, 48.1978



0.8477, 0.3391, 4.4640

Inverse Universe

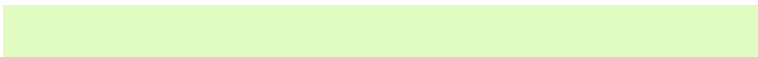
The Inverse Universe completely reimagines the original color for something new.



69.5119, 63.6675, 60.2576



67.7096, 59.9927, 54.5499



75.5422, 89.4815, 64.9217



17.2447, 17.2252, 17.8784



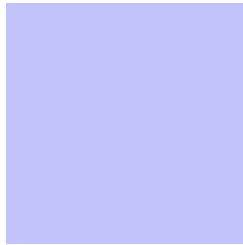
20.9119, 10.7805, 0.9788



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 59.5915, 57.6606, 100.0843 looks on a white background.

Color Contrast Check

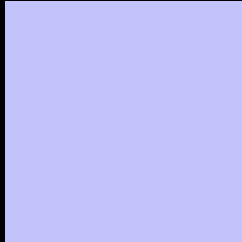
Large Text (above 18pt) WCAG AA × Fail

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 59.5915, 57.6606, 100.0843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

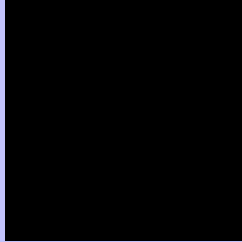
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5915, 57.6606, 100.0843

Background



This preview shows how black text looks on a background with the XYZ color 59.5915, 57.6606, 100.0843.



This preview shows how white text looks on a background with the XYZ color 59.5915, 57.6606,

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

59.5915, 57.6606, 100.0843

Protanopia

58.3332, 57.9830, 101.8833

Deuteranopia

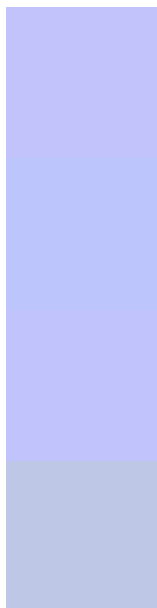
59.0488, 57.7146, 100.1233



Tritanopia

54.1501, 57.4744, 73.8853

Trichromacy



Original Color

59.5915, 57.6606, 100.0843

Protanomaly

58.6821, 57.8432, 101.0005

Deuteranomaly

59.3029, 57.8456, 100.1352

Tritanomaly

56.1922, 57.6364, 83.0262

Monochromacy



Original Color

59.5915, 57.6606, 100.0843

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8949, 58.1563, 75.9367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5915, 57.6606, 100.0843 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(195, 195, 252)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 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(195, 195, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.5915, 57.6606, 100.0843 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(195, 195, 252) }
```


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

```
.border{ border-color:rgb(195, 195, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 195, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 195, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 195, 252);  
box-shadow:4px 4px 4px 4px rgb(195, 195,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5915, 57.6606, 100.0843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 252) }
```

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

```
.background{ background-color: rgb(195,  
195, 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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