

Converting Colors

XYZ(60.6014, 58.8274,
100.6320)

Have a look what the booklet for
XYZ(60.6014, 58.8274, 100.6320)
contains.

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Color

**XYZ(60.5629, 58.8311,
100.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C5FC
RGB	197, 197, 252
RGB Percent	77%, 77%, 99%
CMY	0.2274, 0.2274, 0.0118
CMYK	0.22, 0.22, 0.00, 0.01
HSL	240°, 90%, 88%
HSV	240°, 22%, 99%
XYZ	60.5629, 58.8311, 100.2590
YIQ	203.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

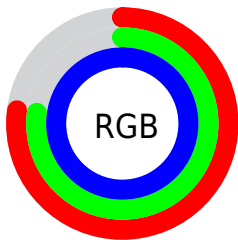
Format	Color
R_{YB}	197, 197, 252
Decimal	12961276
CIE _{Lab}	81.20, 11.30, -26.99
CIE _{LCh}	81, 29.258, 292.709
Yxy	58.8311, 0.2757, 0.2678
Android (android.graphics.Color)	4291151356 (0xFFC5C5FC)
YUV	203.2700, 24.0239, -5.4988
Hunter-Lab	76.7014, 6.7148, -23.8089

Details

The XYZ color **60.5629, 58.8311, 100.2590** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0340, 94.3477, 66.5542**, and the grayscale version is **56.7976, 59.7555, 65.0737**.

A 20% lighter version of the original color is **94.3649, 99.1745, 108.7768**, and **30.8281, 29.3358, 55.6673** is the 20% darker color. If you saturate the color by 10%, you get **49.2563, 45.2075, 98.2263**, and if you desaturate by 10%, it is **73.9327, 74.9408, 102.6648**.

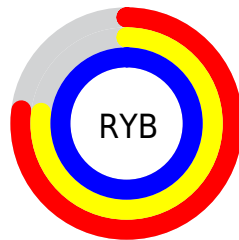
Distribution



Red (77%)

Green (77%)

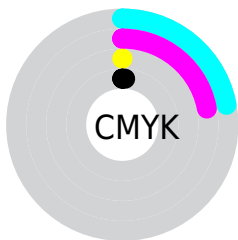
Blue (99%)



Red (77%)

Yellow (77%)

Blue (99%)

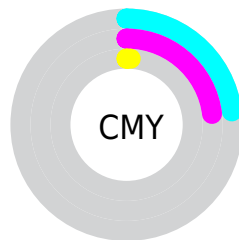


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (23%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5629, 58.8311, 100.2590 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 60.5629, 58.8311, 100.2590 by changing the saturation by 10% instead.

60.5629, 58.8311,
100.2590

60.5629, 58.8311,
100.2590

416.4711,
420.2757, 582.2765

44.1237, 42.4772,
75.8988

104.7475,
103.1321, 163.5680

30.9661, 29.4751,
55.8433

133.2236,
131.8481, 203.3539

20.7247, 19.4405,
39.6742

166.4427,
165.4534, 249.1188

13.0343, 11.9890,
26.9728

204.7702,
204.3326, 301.2812

7.5293, 6.7362,
17.3205

248.5715,
248.8700, 360.2596

3.8445, 3.2977,
10.2989

298.2118,

1.6146, 1.2890,

299.4501, 426.4726

5.4894

354.0565,
356.4572, 500.3387

■ 0.4019, 0.1327,
2.4735

■ 0.0000, 0.0000,
0.8260

■ 60.5629, 58.8311,
100.2590

■ 60.5629, 58.8311,
100.2590

■ 49.2563, 45.2075,
98.2263

■ 73.9327, 74.9408,
102.6648

■ 39.9048, 33.9396,
96.5442

■ 89.4551, 93.6443,
105.4568

■ 32.3994, 24.8960,
95.1942

■ 94.5709, 99.8084,
106.3770

■ 26.6178, 17.9296,
94.1543

■ 22.4232, 12.8754,
93.3998

■ 19.6582, 9.5436,
92.9024

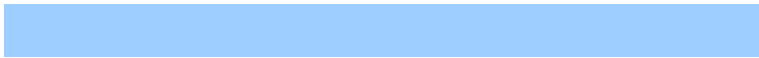
■ 18.1328, 7.7055,
92.6281

■ 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.



54.4437, 58.8311, 103.4326



60.5629, 58.8311, 100.2590



65.7647, 58.8311, 86.6100

Triad

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



60.5629, 58.8311, 100.2590



63.3193, 58.8311, 40.9007



45.0833, 58.8311, 59.8931

Complementary

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



60.5629, 58.8311, 100.2590



85.0340, 94.3477, 66.5542

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.



47.1053, 58.8311, 45.8044



60.5629, 58.8311, 100.2590



57.4170, 58.8311, 36.2080

Square

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



60.5629, 58.8311, 100.2590



67.4351, 58.8311, 51.9579



51.5154, 58.8311, 37.8243



45.7917, 58.8311, 77.9023

Rectangle

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



60.5629, 58.8311, 100.2590



67.8652, 58.8311, 74.5553



51.5154, 58.8311, 37.8243



45.4609, 58.8311, 54.5937

Sweetspot

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



60.5648, 58.8335, 100.2603



83.3529, 85.9059, 106.7961



75.2634, 88.4626, 104.4449



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.



60.5648, 58.8335, 100.2603



57.0954, 54.2675, 102.0732



68.1499, 62.7433, 100.6152



16.2832, 16.6431, 21.7395



9.1528, 3.6612, 48.1978



0.8477, 0.3391, 4.4640

Inverse Universe

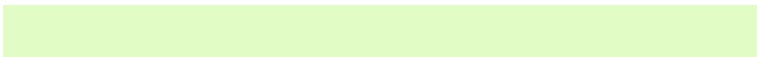
The Inverse Universe completely reimagines the original color for something new.



70.1907, 64.6609, 61.6072



68.5261, 61.1874, 56.1732



76.0712, 89.7278, 66.1348



17.2447, 17.2252, 17.8784



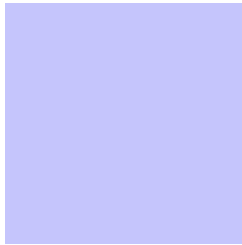
20.9119, 10.7805, 0.9788



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 60.5629, 58.8311, 100.2590 looks on a white background.

Color Contrast Check

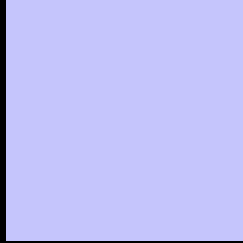
Large Text (above 18pt) WCAG AA × Fail

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 60.5629, 58.8311, 100.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

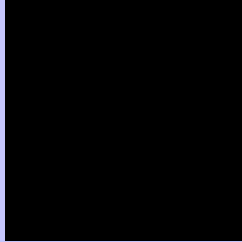
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5629, 58.8311, 100.2590

Background



This preview shows how black text looks on a background with the XYZ color 60.5629, 58.8311, 100.2590.

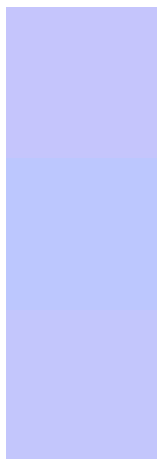


This preview shows how white text looks on a background with the XYZ color 60.5629, 58.8311,

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

60.5629, 58.8311, 100.2590

Protanopia

59.0519, 58.6940, 101.9826

Deuteranopia

60.2704, 59.0185, 100.3106



Tritanopia

55.6280, 58.9027, 75.4553

Trichromacy



Original Color

60.5629, 58.8311, 100.2590

Protanomaly

59.4096, 58.5564, 101.0998

Deuteranomaly

60.5297, 59.1522, 100.3227

Tritanomaly

57.3028, 58.8803, 83.9462

Monochromacy



Original Color

60.5629, 58.8311, 100.2590

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.0252, 59.4113, 76.8159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5629, 58.8311, 100.2590 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(197, 197, 252)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 60.5629, 58.8311, 100.2590 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(197, 197, 252) }
```


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

```
.border{ border-color:rgb(197, 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(197, 197, 252)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 60.5629, 58.8311, 100.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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