

# Converting Colors

XYZ(60.2619, 60.0054,  
102.1720)

Have a look what the booklet for  
XYZ(60.2619, 60.0054, 102.1720)  
contains.

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# Color

**XYZ(60.2619, 60.0054,  
102.1720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>BFC9FE</b>
RGB	191, 201, 254
RGB Percent	75%, 79%, 100%
CMY	0.2510, 0.2117, 0.0039
CMYK	0.25, 0.21, 0.00, 0.00
HSL	230°, 97%, 87%
HSV	230°, 25%, 100%
XYZ	60.2619, 60.0054, 102.1720
YIQ	204.0520, -22.9730, 14.3630

# Conversions

## Conversions Part 2

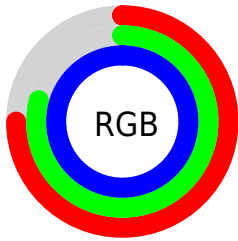
Format	Color
<b>RYB</b>	191, 200, 254
Decimal	12569086
CIELab	81.84, 7.81, -27.11
CIELCh	82, 28.215, 286.074
Yxy	60.0054, 0.2709, 0.2698
Android (android.graphics.Color)	4290759166 (0xFFBFC9FE)
YUV	204.0520, 24.6244, -11.4466
Hunter-Lab	77.4632, 3.3023, -23.9779

# Details

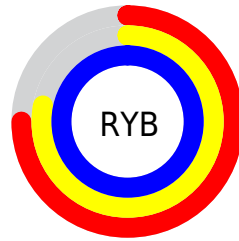
The XYZ color **60.2619, 60.0054, 102.1720** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6286, 89.5343, 62.2189**, and the grayscale version is **57.2886, 60.2721, 65.6363**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **30.6651, 30.1329, 57.0233** is the 20% darker color. If you saturate the color by 10%, you get **49.7803, 47.7158, 100.3533**, and if you desaturate by 10%, it is **72.5480, 74.2566, 104.2762**.

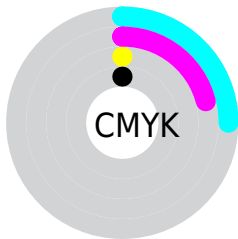
# Distribution



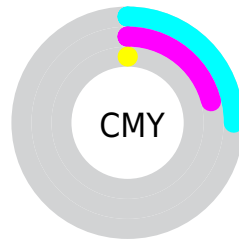
- Red (75%)
- Green (79%)
- Blue (100%)



- Red (75%)
- Yellow (78%)
- Blue (100%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2619, 60.0054, 102.1720 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 60.2619, 60.0054, 102.1720 by changing the saturation by 10% instead.



■ 60.2619, 60.0054,  
102.1720

■ 60.2619, 60.0054,  
102.1720

415.3817,  
424.6177, 588.4401

■ 43.8800, 43.4230,  
77.4887

■ 104.3137,  
104.8375, 166.2167

■ 30.7737, 30.2171,  
57.1401

132.7143,  
133.8560, 206.4151

■ 20.5776, 20.0035,  
40.7077

165.8519,  
167.7886, 252.6224

■ 12.9263, 12.3976,  
27.7727

204.0918,  
207.0198, 305.2571

■ 7.4544, 7.0150,  
17.9169

247.7994,  
251.9339, 364.7377

■ 3.7967, 3.4715,  
10.7215

297.3400,

■ 1.5878, 1.3826,

302.9153, 431.4826

5.7681

353.0790,  
360.3484, 505.9106

■ 0.3844, 0.2038,  
2.6381

■ 0.0000, 0.0000,  
0.9120

■ 60.2619, 60.0054,  
102.1720

■ 60.2619, 60.0054,  
102.1720

■ 49.7803, 47.7158,  
100.3533

■ 72.5480, 74.2566,  
104.2762

■ 41.0117, 37.2943,  
98.8039

■ 86.7125, 90.5432,  
106.6733

■ 33.8654, 28.6504,  
97.5121

94.8896, 99.9358,  
108.0553

■ 28.2398, 21.6830,  
96.4638

■ 24.0215, 16.2807,  
95.6434

■ 21.0805, 12.3179,  
95.0335

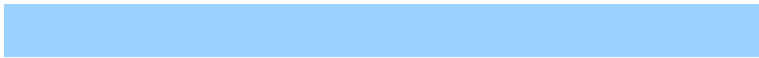
■ 19.2612, 9.6483,  
94.6141

■ 18.6593, 8.6953,  
94.4619

# Harmonies

## Analogous

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



54.3225, 60.0054, 102.6012



60.2619, 60.0054, 102.1720



65.6817, 60.0054, 90.8197

# Triad

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



60.2619, 60.0054, 102.1720



65.3488, 60.0054, 44.4538



46.6285, 60.0054, 57.7590

# Complementary

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



60.2619, 60.0054, 102.1720



82.6286, 89.5343, 62.2189

# 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.



49.1796, 60.0054, 45.1295



60.2619, 60.0054, 102.1720



59.8329, 60.0054, 38.4017

# Square

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



60.2619, 60.0054, 102.1720



68.7552, 60.0054, 56.6724



53.9222, 60.0054, 38.6253



46.7257, 60.0054, 74.8397



# Rectangle

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



60.2619, 60.0054, 102.1720



68.1498, 60.0054, 79.5536



53.9222, 60.0054, 38.6253



47.1967, 60.0054, 52.9215

# Sweetspot

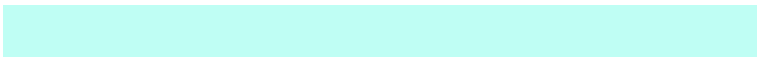
The Sweet Spot groups the original color and five complimentary colors.



60.2638, 60.0078, 102.1734



84.1804, 87.5609, 107.0719



73.1824, 88.4626, 98.4095



17.8272, 18.5225, 22.8856



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.



60.2638, 60.0078, 102.1734



55.0784, 53.8509, 102.0991



63.6732, 58.4162, 101.6865



17.2358, 17.8433, 22.7856



9.9050, 4.7195, 49.8235



1.0282, 0.5870, 4.8724



# Inverse Universe

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



70.0481, 62.5513, 63.6425



66.6249, 57.0461, 56.5848



78.4514, 91.9701, 62.9092



18.1269, 18.0341, 19.2856



21.7878, 11.2044, 2.2669



2.1536, 1.1038, 0.3902



# Previews

## White Background



This preview shows how the XYZ color 60.2619, 60.0054, 102.1720 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

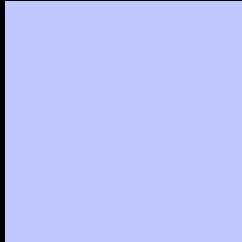
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.2619, 60.0054, 102.1720 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

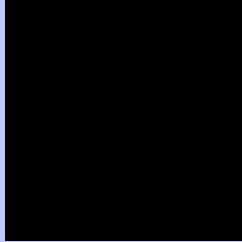
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.2619, 60.0054, 102.1720

## Background



This preview shows how black text looks on a background with the XYZ color 60.2619, 60.0054, 102.1720.



This preview shows how white text looks on a background with the XYZ color 60.2619, 60.0054,



# 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

60.2619, 60.0054, 102.1720

### Protanopia

60.0112, 59.8762, 102.1603

### Deuteranopia

61.3388, 59.8729, 102.0897



## **Tritanopia**

55.6397, 60.2676, 78.5123

# Trichromacy



## Original Color

60.2619, 60.0054, 102.1720

## Protanomaly

60.0112, 59.8762, 102.1603

## Deuteranomaly

61.0493, 60.0664, 102.1423

## Tritanomaly

57.1761, 60.1680, 86.4420

# Monochromacy



## Original Color

60.2619, 60.0054, 102.1720

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

58.0939, 60.1279, 77.6512

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.2619, 60.0054, 102.1720 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(191, 201, 254)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 254)  
}
```

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(191, 201, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 254) }
```

## Border

The CSS property to change the border of an element to XYZ 60.2619, 60.0054, 102.1720 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(191, 201, 254) }
```



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

```
.border{ border-color:rgb(191, 201, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 254);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
254) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.2619, 60.0054, 102.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 254) }
```

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

```
.background{ background-color: rgb(191,  
201, 254) }
```

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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