

# Converting Colors

XYZ(61.0206, 58.1132,  
102.4419)

Have a look what the booklet for  
XYZ(61.0206, 58.1132, 102.4419)  
contains.

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# **Color**

**XYZ(60.8950, 57.9457,  
102.5829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7C2FF
RGB	199, 194, 255
RGB Percent	78%, 76%, 100%
CMY	0.2196, 0.2392, 0.0000
CMYK	0.22, 0.24, 0.00, 0.00
HSL	245°, 100%, 88%
HSV	245°, 24%, 100%
XYZ	60.8950, 57.9457, 102.5829
YIQ	202.4490, -16.6010, 20.0310

# Conversions

## Conversions Part 2

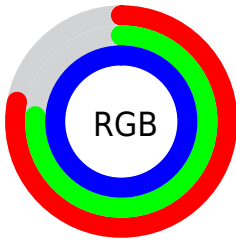
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 194, 255</a>
Decimal	<a href="#">13091583</a>
CIELab	<a href="#">80.71, 14.19, -29.33</a>
CIElCh	<a href="#">81, 32.581, 295.825</a>
Yxy	<a href="#">57.9457, 0.2750, 0.2617</a>
Android (android.graphics.Color)	<a href="#">4291281663 (0xFFC7C2FF)</a>
YUV	<a href="#">202.4490, 25.9076, -3.0248</a>
Hunter-Lab	<a href="#">76.1221, 9.5801, -26.6144</a>

# Details

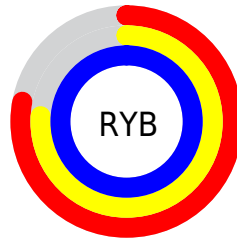
The XYZ color **60.8950, 57.9457, 102.5829** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.9229, 95.7395, 65.0451**, and the grayscale version is **56.2715, 59.2020, 64.4710**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **31.0727, 28.7627, 57.3401** is the 20% darker color. If you saturate the color by 10%, you get **49.9584, 44.5945, 100.5822**, and if you desaturate by 10%, it is **73.7642, 73.7414, 104.9535**.

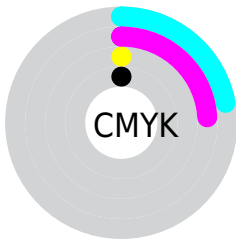
# Distribution



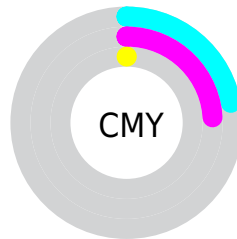
- Red (78%)
- Green (76%)
- Blue (100%)



- Red (78%)
- Yellow (76%)
- Blue (100%)



- Cyan (22%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8950, 57.9457, 102.5829 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 60.8950, 57.9457, 102.5829 by changing the saturation by 10% instead.



60.8950, 57.9457,  
102.5829

60.8950, 57.9457,  
102.5829

417.6710,  
416.9836, 589.7596

44.3927, 41.7650,  
77.8305

105.2259,  
101.8438, 166.7849

31.1785, 28.9173,  
57.4191

133.7851,  
130.3299, 207.0716

20.8873, 19.0183,  
40.9302

167.0940,  
163.6867, 253.3735

13.1537, 11.6835,  
27.9453

205.5179,  
202.2985, 306.1091

7.6122, 6.5285,  
18.0457

249.4222,  
246.5497, 365.6970

3.8975, 3.1691,  
10.8130

299.1723,

1.6443, 1.2206,

296.8247, 432.5557

5.8287

355.1334,  
353.5078, 507.1037

■ 0.4210, 0.0784,  
2.6741

■ 0.0000, 0.0000,  
0.9303

■ 60.8950, 57.9457,  
102.5829

■ 60.8950, 57.9457,  
102.5829

■ 49.9584, 44.5945,  
100.5822

■ 73.7642, 73.7414,  
104.9535

■ 40.8562, 33.5592,  
98.9320

■ 88.6478, 92.0883,  
107.7103

■ 33.4889, 24.7097,  
97.6121

95.0500, 100.0000,  
108.9000

■ 27.7458, 17.9003,  
96.6005

■ 23.5033, 12.9673,  
95.8719

■ 20.6197, 9.7220,  
95.3975

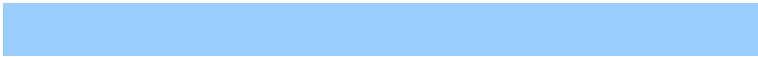
■ 18.9256, 7.9357,  
95.1420

■ 18.3571, 7.3783,  
95.0644

# Harmonies

## Analogous

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



54.1408, 57.9457, 107.6352



60.8950, 57.9457, 102.5829



66.4655, 57.9457, 86.2321

# Triad

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



60.8950, 57.9457, 102.5829



62.6529, 57.9457, 37.1745



43.1738, 57.9457, 60.4384

# Complementary

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



60.8950, 57.9457, 102.5829



84.9229, 95.7395, 65.0451

# 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.



45.0675, 57.9457, 44.5146



60.8950, 57.9457, 102.5829



56.0212, 57.9457, 32.9278

# Square

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



60.8950, 57.9457, 102.5829



67.5370, 57.9457, 48.3141



49.6394, 57.9457, 35.3139



44.2500, 57.9457, 80.6147



# Rectangle

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



60.8950, 57.9457, 102.5829



68.5693, 57.9457, 72.5904



49.6394, 57.9457, 35.3139



43.4797, 57.9457, 54.4624

# Sweetspot

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



60.8967, 57.9480, 102.5832



83.8437, 86.1587, 106.8190



74.7757, 87.6428, 107.5834



17.7494, 18.1991, 22.8272



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.



60.8967, 57.9480, 102.5832



55.1046, 50.8668, 101.5217



69.5183, 62.3926, 102.9867



17.1409, 17.4489, 22.7145



9.6397, 3.8799, 49.6754



0.9837, 0.4010, 4.8388



# Inverse Universe

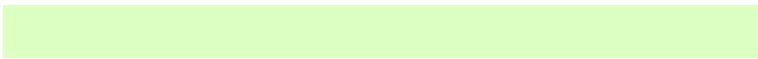
The Inverse Universe completely reimagines the original color for something new.



77.7882, 66.7477, 99.2272



74.8635, 61.1639, 97.4333



75.1453, 90.6990, 64.5875



18.7247, 18.2732, 22.4332



29.3434, 14.2267, 42.0545

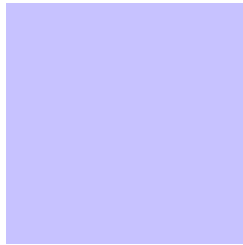


2.8753, 1.3925, 4.1907



# Previews

## White Background



This preview shows how the XYZ color 60.8950, 57.9457, 102.5829 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

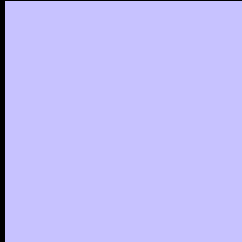
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.8950, 57.9457, 102.5829 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 60.8950, 57.9457, 102.5829**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.8950, 57.9457, 102.5829.



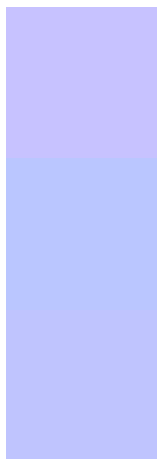
This preview shows how white text looks on a background with the XYZ color 60.8950, 57.9457,



# 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

60.8950, 57.9457, 102.5829

### Protanopia

58.4938, 58.0473, 102.7290

### Deuteranopia

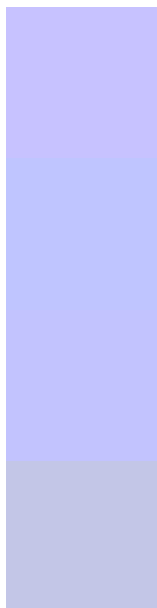
59.1152, 57.7120, 101.7898



## Tritanopia

55.1493, 57.9895, 73.9321

# Trichromacy



## Original Color

60.8950, 57.9457, 102.5829

## Protanomaly

59.5021, 58.2289, 102.7109

## Deuteranomaly

59.6526, 57.6553, 101.7505

## Tritanomaly

57.1236, 57.7598, 83.7393

# Monochromacy



## Original Color

60.8950, 57.9457, 102.5829

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

57.5620, 58.4848, 76.6615

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.8950, 57.9457, 102.5829 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(199, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 255)  
}
```

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(199, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 60.8950, 57.9457, 102.5829 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(199, 194, 255) }
```



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

```
.border{ border-color:rgb(199, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.8950, 57.9457, 102.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 255) }
```

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

```
.background{ background-color: rgb(199,  
194, 255) }
```

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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