

# Converting Colors

XYZ(60.1605, 57.7116, 85.4604)

Have a look what the booklet for  
XYZ(60.1605, 57.7116, 85.4604)  
contains.

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# Color

**XYZ(60.2157, 57.6358,  
85.7930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C1EA
RGB	209, 193, 234
RGB Percent	82%, 76%, 92%
CMY	0.1804, 0.2431, 0.0823
CMYK	0.11, 0.18, 0.00, 0.08
HSL	263°, 49%, 84%
HSV	263°, 18%, 92%
XYZ	60.2157, 57.6358, 85.7930
YIQ	202.4580, -3.6250, 16.1430

# Conversions

## Conversions Part 2

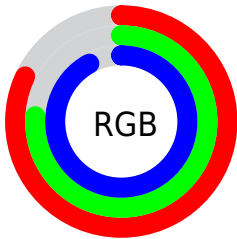
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	209, 193, 234
Decimal	13746666
CIE <sub>Lab</sub>	80.54, 13.33, -18.28
CIE <sub>LCh</sub>	81, 22.627, 306.090
Yxy	57.6358, 0.2957, 0.2830
Android (android.graphics.Color)	4291936746 (0xFFD1C1EA)
YUV	202.4580, 15.5502, 5.7373
Hunter-Lab	75.9182, 8.7230, -13.8591

# Details

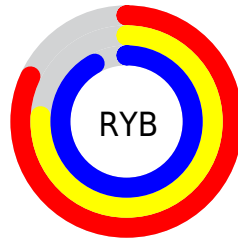
The XYZ color **60.2157, 57.6358, 85.7930** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.9641, 77.6029, 61.8517**, and the grayscale version is **56.3341, 59.2678, 64.5426**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **30.5949, 28.5496, 46.0176** is the 20% darker color. If you saturate the color by 10%, you get **51.5888, 46.1085, 84.0236**, and if you desaturate by 10%, it is **70.0262, 70.9912, 87.8547**.

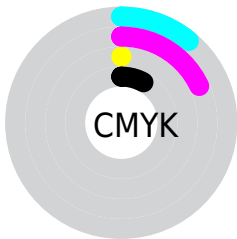
# Distribution



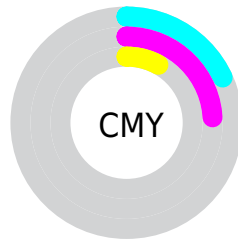
- Red (82%)
- Green (76%)
- Blue (92%)



- Red (82%)
- Yellow (76%)
- Blue (92%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (24%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2157, 57.6358, 85.7930 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 60.2157, 57.6358, 85.7930 by changing the saturation by 10% instead.



60.2157, 57.6358,  
85.7930

60.2157, 57.6358,  
85.7930

415.2144,  
415.8275, 534.4613

43.8426, 41.5159,  
63.9429

104.2471,  
101.3923, 143.3646

30.7442, 28.7224,  
46.1585

132.6361,  
129.7977, 179.9231

20.5550, 18.8710,  
32.0214

165.7612,  
163.0671, 222.2216

12.9097, 11.5771,  
21.1129

203.9876,  
201.5849, 270.6785

7.4430, 6.4564,  
13.0145

247.6808,  
245.7354, 325.7124

3.7894, 3.1245,  
7.3077

297.2061,

1.5837, 1.1971,

295.9031, 387.7418

3.5739

352.9288,  
352.4723, 457.1852

■ 0.3818, 0.0593,  
1.3946

■ 0.0000, 0.0000,  
0.1375

■ 60.2157, 57.6358,  
85.7930

■ 60.2157, 57.6358,  
85.7930

■ 51.5888, 46.1085,  
84.0236

■ 70.0262, 70.9912,  
87.8547

■ 44.0923, 36.3205,  
82.5294

■ 81.0600, 86.2438,  
90.2172

■ 37.6767, 28.1860,  
81.2974

■ 90.6875, 98.1205,  
92.0022

■ 32.2864, 21.6092,  
80.3121

■ 91.8515, 98.7206,  
92.0567

■ 27.8604, 16.4839,  
79.5561

■ 24.3302, 12.6903,  
79.0099

■ 21.6168, 10.0879,  
78.6506

■ 19.6179, 8.4913,  
78.4478

■ 19.1962, 8.1804,  
78.4100

# Harmonies

## Analogous

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



55.7347, 57.6358, 91.8002



60.2157, 57.6358, 85.7930



63.3637, 57.6358, 73.7108

# Triad

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



60.2157, 57.6358, 85.7930



58.4835, 57.6358, 42.1455



46.3667, 57.6358, 65.5102

# Complementary

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



60.2157, 57.6358, 85.7930



67.9641, 77.6029, 61.8517

# 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.



47.0108, 57.6358, 52.9435



60.2157, 57.6358, 85.7930



53.8385, 57.6358, 40.5914

# Square

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



60.2157, 57.6358, 85.7930



62.3247, 57.6358, 48.8544



49.6837, 57.6358, 44.2623



47.8722, 57.6358, 79.0713



# Rectangle

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



60.2157, 57.6358, 85.7930



64.1894, 57.6358, 64.5170



49.6837, 57.6358, 44.2623



46.3402, 57.6358, 61.0265

# Sweetspot

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



60.2175, 57.6382, 85.7943



88.3138, 90.6883, 107.4577



61.9906, 67.5699, 87.6178



18.7067, 19.1411, 22.9586



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.



60.2175, 57.6382, 85.7943



69.2718, 64.7876, 103.4620



66.3053, 60.7766, 86.0792



14.7871, 14.8355, 19.0064



10.9183, 4.6645, 44.0678



0.9624, 0.4204, 3.4653



# Inverse Universe

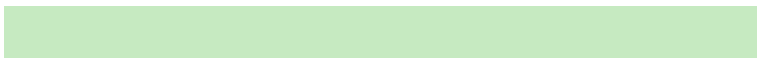
The Inverse Universe completely reimagines the original color for something new.



65.6586, 60.6969, 74.5877



77.0980, 69.1899, 87.2123



62.2821, 74.6737, 61.5858



15.4514, 15.2084, 17.6623



21.9043, 10.9644, 15.8293

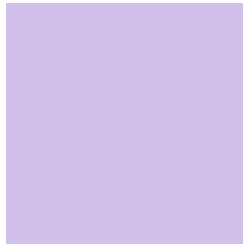


1.7670, 0.8798, 1.4903



# Previews

## White Background



This preview shows how the XYZ color 60.2157, 57.6358, 85.7930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

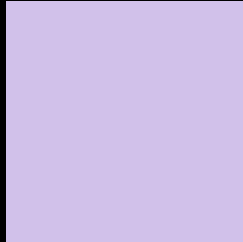
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.2157, 57.6358, 85.7930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

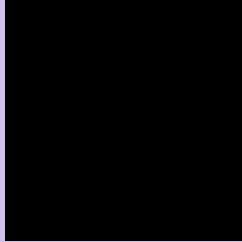
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.2157, 57.6358, 85.7930

## Background



This preview shows how black text looks on a background with the XYZ color 60.2157, 57.6358, 85.7930.



This preview shows how white text looks on a background with the XYZ color 60.2157, 57.6358,

85.7930.

# 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

60.2157, 57.6358, 85.7930

### Protanopia

57.2184, 57.7091, 88.2440

### Deuteranopia

58.9950, 57.6672, 85.8634



## Tritanopia

57.0268, 57.6651, 70.4122

# Trichromacy



## Original Color

60.2157, 57.6358, 85.7930

## Protanomaly

58.1690, 57.5418, 87.3977

## Deuteranomaly

59.3199, 57.5032, 85.8146

## Tritanomaly

58.1118, 57.7690, 75.7979

# Monochromacy



## Original Color

60.2157, 57.6358, 85.7930

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

57.7379, 58.6810, 71.9018

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.2157, 57.6358, 85.7930 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(209, 193, 234)` looks like.

```
.text, #text, p{  
    color:rgb(209, 193, 234)  
}
```

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(209, 193, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 193, 234) }
```

## Border

The CSS property to change the border of an element to XYZ 60.2157, 57.6358, 85.7930 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(209, 193, 234) }
```



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

```
.border{ border-color:rgb(209, 193, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 193, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 193, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 193, 234);  
box-shadow:4px 4px 4px 4px rgb(209, 193,  
234) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.2157, 57.6358, 85.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 193, 234) }
```

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

```
.background{ background-color: rgb(209,  
193, 234) }
```

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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