

Converting Colors

XYZ(57.8831, 58.8665, 77.3144)

Have a look what the booklet for
XYZ(57.8831, 58.8665, 77.3144)
contains.

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Color

**XYZ(57.9265, 59.0000,
77.4423)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C8DE
RGB	201, 200, 222
RGB Percent	79%, 78%, 87%
CMY	0.2118, 0.2157, 0.1294
CMYK	0.09, 0.10, 0.00, 0.13
HSL	243°, 25%, 83%
HSV	243°, 10%, 87%
XYZ	57.9265, 59.0000, 77.4423
YIQ	202.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

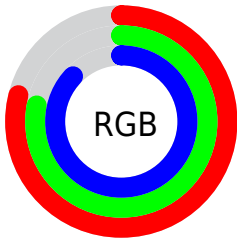
Format	Color
R_{YB}	201, 200, 222
Decimal	13224158
CIE _{Lab}	81.29, 4.56, -10.78
CIE _{LCh}	81, 11.706, 292.918
Yxy	59.0000, 0.2980, 0.3035
Android (android.graphics.Color)	4291414238 (0xFFC9C8DE)
YUV	202.8070, 9.4621, -1.5847
Hunter-Lab	76.8115, 0.1937, -6.0089

Details

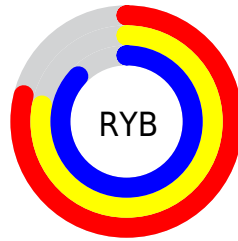
The XYZ color **57.9265, 59.0000, 77.4423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3675, 71.7864, 65.0047**, and the grayscale version is **56.5906, 59.5377, 64.8366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2866, 29.5508, 40.7195** is the 20% darker color. If you saturate the color by 10%, you get **47.8443, 46.7174, 75.6038**, and if you desaturate by 10%, it is **69.5448, 73.1859, 79.5690**.

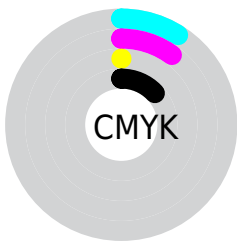
Distribution



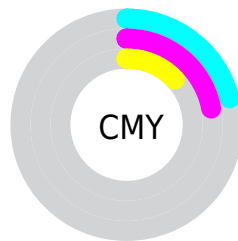
- Red (79%)
- Green (78%)
- Blue (87%)



- Red (79%)
- Yellow (78%)
- Blue (87%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9265, 59.0000, 77.4423 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 57.9265, 59.0000, 77.4423 by changing the saturation by 10% instead.

■ 57.9265, 59.0000,
77.4423

■ 57.9265, 59.0000,
77.4423

406.8703,
420.9019, 505.7484

■ 41.9926, 42.6131,
57.1022

100.9394,
103.3777, 131.5424

■ 29.2866, 29.5817,
40.6774

128.7491,
132.1372, 166.1394

■ 19.4431, 19.5213,
27.7493

161.2481,
165.7898, 206.3259

■ 12.0968, 12.0476,
17.8994

198.8018,
204.7198, 252.5203

■ 6.8823, 6.7761,
10.7091

241.7755,
249.3117, 305.1413

■ 3.4343, 3.3225,
5.7599

290.5346,

■ 1.3874, 1.3023,

299.9497, 364.6072

2.6332

345.4444,
357.0183, 431.3367

■ 0.2472, 0.1430,
0.9095

■ 0.0000, 0.0000,
0.0000

■ 57.9265, 59.0000,
77.4423

■ 57.9265, 59.0000,
77.4423

■ 47.8443, 46.7174,
75.6038

■ 69.5448, 73.1859,
79.5690

■ 39.2289, 36.2500,
74.0375

■ 82.7543, 89.3433,
81.9915

■ 32.0136, 27.5140,
72.7316

■ 90.1850, 98.0540,
83.2812

■ 26.1244, 20.4161,
71.6719

■ 21.4805, 14.8541,
70.8431

■ 17.9922, 10.7145,
70.2279

■ 15.5580, 7.8680,
69.8068

■ 14.0585, 6.1617,
69.5565

■ 13.3156, 5.3446,
69.4379

Harmonies

Analogous

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



55.5008, 59.0000, 78.5338



57.9265, 59.0000, 77.4423



59.9084, 59.0000, 72.6965

Triad

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



57.9265, 59.0000, 77.4423



58.9573, 59.0000, 54.0974



51.5452, 59.0000, 62.5971

Complementary

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



57.9265, 59.0000, 77.4423



66.3675, 71.7864, 65.0047

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.



52.4140, 59.0000, 56.4679



57.9265, 59.0000, 77.4423



56.6587, 59.0000, 51.7969

Square

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



57.9265, 59.0000, 77.4423



60.5154, 59.0000, 59.1444



54.2687, 59.0000, 52.6322



51.8625, 59.0000, 69.6222

Rectangle

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



57.9265, 59.0000, 77.4423



60.6877, 59.0000, 68.2731



54.2687, 59.0000, 52.6322



51.7074, 59.0000, 60.3708

Sweetspot

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



57.9283, 59.0025, 77.4436



90.0219, 93.8569, 107.9793



62.9329, 69.4086, 79.1884



18.9879, 19.7467, 23.0607



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.



57.9283, 59.0025, 77.4436



76.1106, 76.8810, 105.4358



60.9157, 60.5426, 77.5834



13.0092, 13.2728, 17.2639



7.9314, 3.1841, 41.2449



0.5703, 0.2313, 2.8598

Inverse Universe

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



63.8316, 62.0612, 77.0241



85.8307, 81.9175, 104.7290



63.2027, 70.1548, 64.8565



14.2668, 13.9243, 17.1750



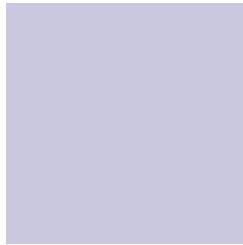
24.9586, 12.0504, 38.0432



1.7384, 0.8386, 2.6813

Previews

White Background



This preview shows how the XYZ color 57.9265, 59.0000, 77.4423 looks on a white background.

Color Contrast Check

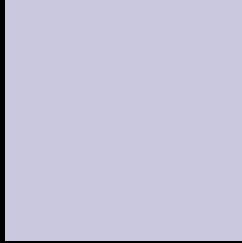
Large Text (above 18pt) WCAG AA × Fail

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 57.9265, 59.0000, 77.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

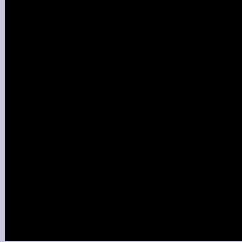
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9265, 59.0000, 77.4423

Background



This preview shows how black text looks on a background with the XYZ color 57.9265, 59.0000, 77.4423.

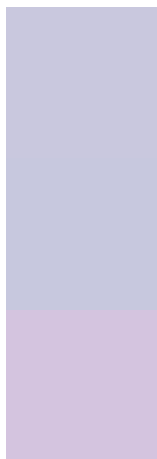


This preview shows how white text looks on a background with the XYZ color 57.9265, 59.0000,

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

57.9265, 59.0000, 77.4423

Protanopia

57.3923, 58.7246, 77.4173

Deuteranopia

60.2106, 58.8046, 77.9890



Tritanopia

57.2304, 59.0624, 74.0295

Trichromacy



Original Color

57.9265, 59.0000, 77.4423

Protanomaly

57.6585, 58.8618, 77.4298

Deuteranomaly

59.2980, 58.6701, 78.0112

Tritanomaly

57.4922, 59.1671, 75.4081

Monochromacy



Original Color

57.9265, 59.0000, 77.4423

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.1105, 59.4508, 69.4379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9265, 59.0000, 77.4423 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(201, 200, 222)` looks like.

```
.text, #text, p{  
    color:rgb(201, 200, 222)  
}
```

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(201, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 200, 222) }
```

Border

The CSS property to change the border of an element to XYZ 57.9265, 59.0000, 77.4423 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(201, 200, 222) }
```


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

```
.border{ border-color:rgb(201, 200, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 200, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(201, 200,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9265, 59.0000, 77.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 200, 222) }
```

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

```
.background{ background-color: rgb(201,  
200, 222) }
```

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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