

Converting Colors

XYZ(57.0463, 51.6442, 81.2316)

Have a look what the booklet for
XYZ(57.0463, 51.6442, 81.2316)
contains.

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Color

**XYZ(57.1269, 51.7462,
81.1058)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B3E5
RGB	211, 179, 229
RGB Percent	83%, 70%, 90%
CMY	0.1725, 0.2980, 0.1020
CMYK	0.08, 0.22, 0.00, 0.10
HSL	278°, 49%, 80%
HSV	278°, 22%, 90%
XYZ	57.1269, 51.7462, 81.1058
YIQ	194.2680, 3.0220, 22.3340

Conversions

Conversions Part 2

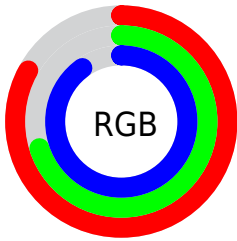
Format	Color
R_{YB}	211, 179, 229
Decimal	13874149
CIE _{Lab}	77.13, 20.54, -20.73
CIE _{LCh}	77, 29.185, 314.737
Yxy	51.7462, 0.3007, 0.2724
Android (android.graphics.Color)	4292064229 (0xFFD3B3E5)
YUV	194.2680, 17.1229, 14.6740
Hunter-Lab	71.9348, 15.8695, -16.4945

Details

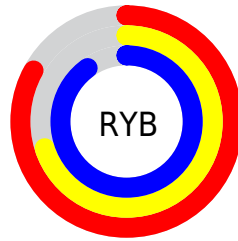
The XYZ color **57.1269, 51.7462, 81.1058** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.1837, 71.1649, 53.2672**, and the grayscale version is **51.3387, 54.0123, 58.8194**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **28.7140, 25.0068, 42.8486** is the 20% darker color. If you saturate the color by 10%, you get **50.6116, 42.1317, 79.5942**, and if you desaturate by 10%, it is **64.5287, 62.9518, 82.8794**.

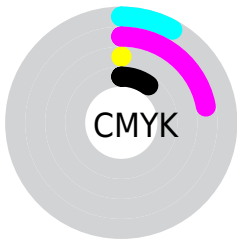
Distribution



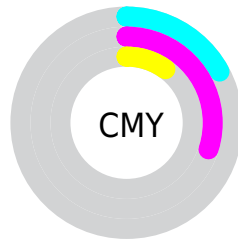
- Red (83%)
- Green (70%)
- Blue (90%)



- Red (83%)
- Yellow (70%)
- Blue (90%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1269, 51.7462, 81.1058 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 57.1269, 51.7462, 81.1058 by changing the saturation by 10% instead.

■ 57.1269, 51.7462,
81.1058

■ 57.1269, 51.7462,
81.1058

403.9311,
393.4560, 518.4564

■ 41.3477, 36.8028,
60.0972

■ 99.7806, 92.7568,
136.7447

■ 28.7797, 25.0549,
43.0712

127.3858,
119.5929, 172.2122

■ 19.0577, 16.1179,
29.6092

159.6637,
151.1619, 213.3363

■ 11.8162, 9.6076,
19.2926

196.9797,
187.8484, 260.5357

■ 6.6900, 5.1396,
11.7029

239.6990,
230.0366, 314.2288

■ 3.3136, 2.3294,
6.4217

288.1872,

■ 1.3217, 0.7892,

278.1110, 374.8343

3.0302

342.8094,
332.4560, 442.7706

■ 0.1994, 0.0000,
1.1101

■ 0.0000, 0.0000,
0.0000

■ 57.1269, 51.7462,
81.1058

■ 57.1269, 51.7462,
81.1058

■ 50.6116, 42.1317,
79.5942

■ 64.5287, 62.9518,
82.8794

■ 44.9387, 34.0257,
78.3286

■ 72.8489, 75.8129,
84.9233

■ 40.0669, 27.3477,
77.2964

■ 82.1238, 90.3982,
87.2497

■ 35.9498, 22.0071,
76.4825

■ 87.2039, 96.4065,
88.1417

■ 32.5351, 17.9027,
75.8703

■ 90.1288, 97.9143,
88.2786

■ 29.7632, 14.9181,
75.4403

■ 91.1430, 98.4372,
88.3260

■ 27.5629, 12.9137,
75.1694

■ 26.0966, 11.8195,
75.0354

Harmonies

Analogous

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



51.9629, 51.7462, 91.5842



57.1269, 51.7462, 81.1058



60.2753, 51.7462, 64.8237

Triad

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



57.1269, 51.7462, 81.1058



52.0616, 51.7462, 31.5969



39.5209, 51.7462, 64.5253

Complementary

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



57.1269, 51.7462, 81.1058



59.1837, 71.1649, 53.2672

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.



39.5429, 51.7462, 48.6359



57.1269, 51.7462, 81.1058



46.5044, 51.7462, 31.5473

Square

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



57.1269, 51.7462, 81.1058



57.2038, 51.7462, 37.3667



42.0123, 51.7462, 37.2154



41.9497, 51.7462, 80.8520

Rectangle

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



57.1269, 51.7462, 81.1058



60.6675, 51.7462, 53.8434



42.0123, 51.7462, 37.2154



39.2482, 51.7462, 58.9184

Sweetspot

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



57.1285, 51.7484, 81.1069



87.2928, 87.9368, 106.9804



52.7772, 55.3270, 82.0270



18.5471, 18.6103, 22.8646



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.



57.1285, 51.7484, 81.1069



69.1805, 60.4970, 102.6386



61.6642, 54.1921, 76.5528



14.4655, 14.3422, 18.1502



15.0566, 6.8279, 42.9075



1.2133, 0.5564, 3.1754

Inverse Universe

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



58.5129, 52.9316, 59.9585



71.3287, 62.3085, 70.9314



55.4390, 69.1546, 56.6973



14.5903, 14.4533, 16.0430



19.4079, 9.8974, 5.7771



1.4774, 0.7487, 0.6545

Previews

White Background



This preview shows how the XYZ color 57.1269, 51.7462, 81.1058 looks on a white background.

Color Contrast Check

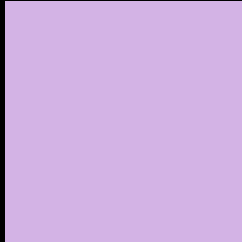
Large Text (above 18pt) WCAG AA × Fail

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 57.1269, 51.7462, 81.1058 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 57.1269, 51.7462, 81.1058

Background



This preview shows how black text looks on a background with the XYZ color 57.1269, 51.7462, 81.1058.



This preview shows how white text looks on a background with the XYZ color 57.1269, 51.7462,

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

57.1269, 51.7462, 81.1058

Protanopia

52.1603, 52.1546, 86.6746

Deuteranopia

53.0484, 51.7956, 80.6004



Tritanopia

52.9029, 51.5263, 61.1901

Trichromacy



Original Color

57.1269, 51.7462, 81.1058

Protanomaly

53.5428, 51.6575, 84.2397

Deuteranomaly

54.2258, 51.4742, 80.4763

Tritanomaly

54.3732, 51.5189, 68.0511

Monochromacy



Original Color

57.1269, 51.7462, 81.1058

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.2795, 53.1795, 66.4880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1269, 51.7462, 81.1058 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(211, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(211, 179, 229)  
}
```

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(211, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 179, 229) }
```

Border

The CSS property to change the border of an element to XYZ 57.1269, 51.7462, 81.1058 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(211, 179, 229) }
```


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

```
.border{ border-color:rgb(211, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(211, 179,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1269, 51.7462, 81.1058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 179, 229) }
```

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

```
.background{ background-color: rgb(211,  
179, 229) }
```

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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