

Converting Colors

XYZ(60.1451, 57.1138, 75.0792)

Have a look what the booklet for
XYZ(60.1451, 57.1138, 75.0792)
contains.

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Color

**XYZ(60.0323, 57.1278,
74.8806)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BFDB
RGB	217, 191, 219
RGB Percent	85%, 75%, 86%
CMY	0.1490, 0.2510, 0.1412
CMYK	0.01, 0.13, 0.00, 0.14
HSL	296°, 28%, 80%
HSV	296°, 13%, 86%
XYZ	60.0323, 57.1278, 74.8806
YIQ	201.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

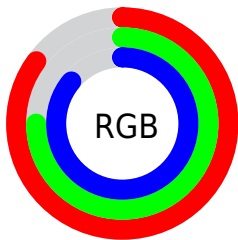
Format	Color
R _Y B	217, 191, 219
Decimal	14270427
CIE Lab	80.25, 14.12, -10.59
CIE LCh	80, 17.646, 323.139
Yxy	57.1278, 0.3126, 0.2975
Android (android.graphics.Color)	4292460507 (0xFFD9BFDB)
YUV	201.9660, 8.3978, 13.1848
Hunter-Lab	75.5829, 9.5048, -5.8310

Details

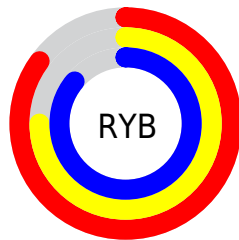
The XYZ color **60.0323, 57.1278, 74.8806** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.7299, 65.7636, 58.9967**, and the grayscale version is **56.0657, 58.9855, 64.2352**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **30.6896, 28.5387, 39.0130** is the 20% darker color. If you saturate the color by 10%, you get **55.1468, 48.0429, 73.3854**, and if you desaturate by 10%, it is **65.6397, 67.6481, 76.6165**.

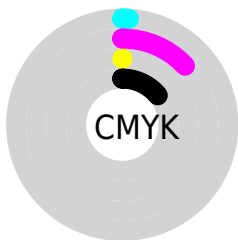
Distribution



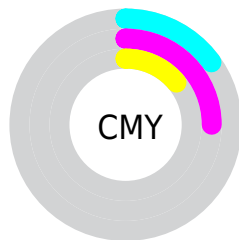
- Red (85%)
- Green (75%)
- Blue (86%)



- Red (85%)
- Yellow (75%)
- Blue (86%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0323, 57.1278, 74.8806 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 60.0323, 57.1278, 74.8806 by changing the saturation by 10% instead.

60.0323, 57.1278,
74.8806

60.0323, 57.1278,
74.8806

414.5497,
413.9280, 496.7515

43.6942, 41.1079,
55.0139

103.9826,
100.6516, 127.8889

30.6271, 28.4034,
39.0142

132.3255,
128.9243, 161.8676

20.4655, 18.6299,
26.4629

165.4008,
162.0500, 201.3873

12.8441, 11.4032,
16.9414

203.5738,
200.4132, 246.8668

7.3975, 6.3387,
10.0312

247.2098,
244.3982, 298.7243

3.7605, 3.0521,
5.3138

296.6742,

1.5675, 1.1590,

294.3894, 357.3786

2.3706

352.3324,
350.7712, 423.2482

■ 0.3711, 0.0278,
0.7704

■ 0.0000, 0.0000,
0.0000

■ 60.0323, 57.1278,
74.8806

■ 60.0323, 57.1278,
74.8806

■ 55.1468, 48.0429,
73.3854

■ 65.6397, 67.6481,
76.6165

■ 50.9465, 40.3228,
72.1166

■ 71.9935, 79.6557,
78.5993

■ 47.3991, 33.9020,
71.0643

■ 78.5770, 92.1159,
80.6574

■ 44.4678, 28.7069,
70.2160

■ 79.0575, 92.3636,
80.6799

42.1120, 24.6563,
69.5583

79.5425, 92.6136,
80.7026

40.2862, 21.6593,
69.0761

80.0319, 92.8659,
80.7255

38.9381, 19.6112,
68.7518

80.5258, 93.1206,
80.7486

38.0045, 18.3857,
68.5645

81.0242, 93.3775,
80.7720

37.5128, 17.8615,
68.4892

81.5271, 93.6367,
80.7955

Harmonies

Analogous

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



57.0666, 57.1278, 82.2905



60.0323, 57.1278, 74.8806



61.4715, 57.1278, 64.6031

Triad

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



60.0323, 57.1278, 74.8806



55.1301, 57.1278, 44.5090



48.1733, 57.1278, 70.3300

Complementary

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



60.0323, 57.1278, 74.8806



56.7299, 65.7636, 58.9967

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.



47.7060, 57.1278, 59.8621



60.0323, 57.1278, 74.8806



51.6210, 57.1278, 45.6825

Square

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



60.0323, 57.1278, 74.8806



58.5613, 57.1278, 47.6393



48.9415, 57.1278, 51.0428



50.2473, 57.1278, 79.4669

Rectangle

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



60.0323, 57.1278, 74.8806



61.3285, 57.1278, 57.8002



48.9415, 57.1278, 51.0428



47.8269, 57.1278, 66.8227

Sweetspot

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



60.0340, 57.1303, 74.8818



91.6144, 93.5259, 107.8315



53.4182, 54.4811, 74.7192



19.4751, 19.7660, 23.0387



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.



60.0340, 57.1303, 74.8818



83.0405, 77.4624, 105.1828



59.1493, 56.8455, 67.1020



13.5178, 13.2251, 16.4924



22.2825, 10.6112, 40.6122



1.4716, 0.7019, 2.6324

Inverse Universe

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



57.4718, 56.1745, 58.2684



78.8382, 75.8968, 77.8454



57.5592, 66.0368, 66.0067



13.0936, 13.0665, 13.7541



17.3909, 8.9574, 1.1727



1.1402, 0.5857, 0.1471

Previews

White Background



This preview shows how the XYZ color 60.0323, 57.1278, 74.8806 looks on a white background.

Color Contrast Check

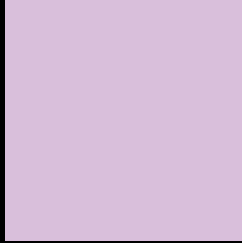
Large Text (above 18pt) WCAG AA × Fail

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 60.0323, 57.1278, 74.8806 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 60.0323, 57.1278, 74.8806

Background



This preview shows how black text looks on a background with the XYZ color 60.0323, 57.1278, 74.8806.



This preview shows how white text looks on a background with the XYZ color 60.0323, 57.1278,

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

60.0323, 57.1278, 74.8806

Protanopia

56.2783, 57.4516, 77.9351

Deuteranopia

58.5250, 57.3472, 74.3142



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

60.0323, 57.1278, 74.8806

Protanomaly

57.6018, 57.1415, 77.1007

Deuteranomaly

59.1654, 57.3480, 74.2806

Tritanomaly

59.0522, 57.0517, 70.1870

Monochromacy



Original Color

60.0323, 57.1278, 74.8806

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.3114, 58.2076, 67.8891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0323, 57.1278, 74.8806 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(217, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 219)  
}
```

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(217, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.0323, 57.1278, 74.8806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

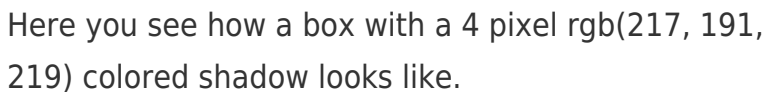
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 191, 219) }
```


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

```
.border{ border-color:rgb(217, 191, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 191, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 191, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 191, 219); box-shadow:4px 4px 4px 4px rgb(217, 191, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0323, 57.1278, 74.8806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 219) }
```

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

```
.background{ background-color: rgb(217,  
191, 219) }
```

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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