

Converting Colors

XYZ(58.0204, 49.8408, 77.3680)

Have a look what the booklet for
XYZ(58.0204, 49.8408, 77.3680)
contains.

XYZ(58.1417, 50.0372, 77.1148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.1417, 50.0372,
77.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	DEABE0
RGB	222, 171, 224
RGB Percent	87%, 67%, 88%
CMY	0.1294, 0.3294, 0.1216
CMYK	0.01, 0.24, 0.00, 0.12
HSL	298°, 46%, 77%
HSV	298°, 24%, 88%
XYZ	58.1417, 50.0372, 77.1148
YIQ	192.2910, 13.3830, 27.2950

Conversions

Conversions Part 2

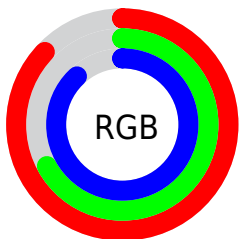
Format	Color
R _Y B	222, 171, 224
Decimal	14592992
CIE Lab	76.09, 27.49, -19.50
CIE LCh	76, 33.705, 324.662
Yxy	50.0372, 0.3138, 0.2700
Android (android.graphics.Color)	4292783072 (0xFFDEABE0)
YUV	192.2910, 15.6325, 26.0548
Hunter-Lab	70.7370, 22.9270, -15.1199

Details

The XYZ color **58.1417, 50.0372, 77.1148** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2416, 65.1371, 48.4025**, and the grayscale version is **50.1802, 52.7935, 57.4921**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **29.3658, 23.9284, 40.6070** is the 20% darker color. If you saturate the color by 10%, you get **54.0062, 42.1486, 75.8109**, and if you desaturate by 10%, it is **62.9985, 59.3647, 78.6599**.

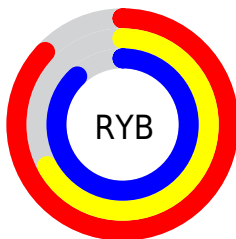
Distribution



Red (87%)

Green (67%)

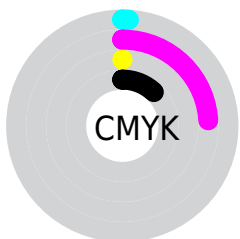
Blue (88%)



Red (87%)

Yellow (67%)

Blue (88%)

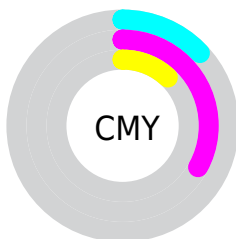


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1417, 50.0372, 77.1148 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 58.1417, 50.0372, 77.1148 by changing the saturation by 10% instead.

■ 58.1417, 50.0372,
77.1148

■ 58.1417, 50.0372,
77.1148

407.6591,
386.8114, 504.6034

■ 42.1663, 35.4430,
56.8350

■ 101.2510, 90.2300,
131.0760

■ 29.4232, 24.0043,
40.4643

129.1155,
116.5973, 165.5945

■ 19.5471, 15.3368,
27.5842

161.6738,
147.6578, 205.6962

■ 12.1726, 9.0561,
17.7761

199.2912,
183.7959, 251.7998

■ 6.9344, 4.7778,
10.6216

242.3331,
225.3958, 304.3238

■ 3.4671, 2.1175,
5.7021

291.1648,

■ 1.4053, 0.6744,

272.8422, 363.6867

2.5989

346.1517,
326.5192, 430.3071

■ 0.2600, 0.0000,
0.8919

■ 0.0000, 0.0000,
0.0000

■ 58.1417, 50.0372,
77.1148

■ 58.1417, 50.0372,
77.1148

■ 54.0062, 42.1486,
75.8109

■ 62.9985, 59.3647,
78.6599

■ 50.5513, 35.6203,
74.7328

■ 68.6057, 70.1919,
80.4543

■ 47.7393, 30.3757,
73.8688

■ 74.9962, 82.5837,
82.5093

■ 45.5269, 26.3284,
73.2042

■ 80.3853, 92.9709,
84.2302

43.8655, 23.3812,
72.7228

80.6500, 93.1074,
84.2426

42.6989, 21.4217,
72.4061

80.9160, 93.2445,
84.2551

41.9589, 20.3135,
72.2312

81.1834, 93.3823,
84.2676

41.6409, 19.9124,
72.1705

81.4520, 93.5208,
84.2801

81.7220, 93.6600,
84.2928

Harmonies

Analogous

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



52.7950, 50.0372, 92.4866



58.1417, 50.0372, 77.1148



60.6694, 50.0372, 57.7742

Triad

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



58.1417, 50.0372, 77.1148



48.6949, 50.0372, 26.7239



37.3769, 50.0372, 70.2791

Complementary

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



58.1417, 50.0372, 77.1148



51.2416, 65.1371, 48.4025

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.



36.4878, 50.0372, 51.3173



58.1417, 50.0372, 77.1148



42.6809, 50.0372, 28.6428

Square

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



58.1417, 50.0372, 77.1148



54.9158, 50.0372, 30.7973



38.3450, 50.0372, 36.7771



40.8902, 50.0372, 87.9687

Rectangle

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



58.1417, 50.0372, 77.1148



60.2681, 50.0372, 46.1636



38.3450, 50.0372, 36.7771



36.7751, 50.0372, 63.7440

Sweetspot

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



58.1432, 50.0394, 77.1159



89.3703, 89.0078, 107.0776



45.3197, 44.1792, 76.6606



19.0293, 18.8589, 22.8871



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.



58.1432, 50.0394, 77.1159



75.3634, 62.0877, 102.6198



55.7478, 49.1524, 61.2864



14.2412, 13.9079, 17.3216



24.2607, 11.6022, 42.0091



1.6978, 0.8125, 2.9126

Inverse Universe

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



52.8479, 47.9924, 46.0153



67.1917, 58.9327, 54.4520



53.2853, 65.9039, 61.4550



13.7281, 13.7089, 14.3383



17.9296, 9.2388, 1.0289



1.2503, 0.6434, 0.1108

Previews

White Background



This preview shows how the XYZ color 58.1417, 50.0372, 77.1148 looks on a white background.

Color Contrast Check

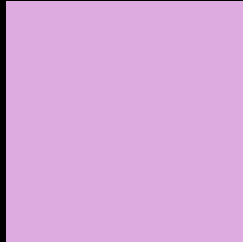
Large Text (above 18pt) WCAG AA × Fail

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 58.1417, 50.0372, 77.1148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

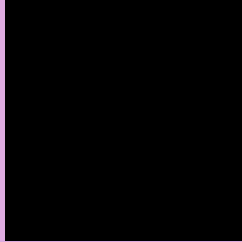
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1417, 50.0372, 77.1148

Background



This preview shows how black text looks on a background with the XYZ color 58.1417, 50.0372, 77.1148.



This preview shows how white text looks on a background with the XYZ color 58.1417, 50.0372,

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

58.1417, 50.0372, 77.1148

Protanopia

50.3147, 50.2884, 84.8967

Deuteranopia

51.3535, 50.0880, 76.0686



Tritanopia

53.7414, 49.9576, 56.1005

Trichromacy



Original Color

58.1417, 50.0372, 77.1148

Protanomaly

52.7991, 50.0984, 81.7501

Deuteranomaly

53.7965, 50.1245, 76.6516

Tritanomaly

55.3229, 50.0318, 63.2412

Monochromacy



Original Color

58.1417, 50.0372, 77.1148

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.6682, 51.3371, 64.2599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1417, 50.0372, 77.1148 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(222, 171, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 224)  
}
```

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(222, 171, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.1417, 50.0372, 77.1148 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(222, 171, 224) }
```


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

```
.border{ border-color:rgb(222, 171, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 171, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1417, 50.0372, 77.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 224) }
```

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

```
.background{ background-color: rgb(222,  
171, 224) }
```

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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