

Converting Colors

XYZ(58.5971, 50.4628, 75.6241)

Have a look what the booklet for
XYZ(58.5971, 50.4628, 75.6241)
contains.

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Color

**XYZ(58.6778, 50.6263,
75.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ACDE
RGB	224, 172, 222
RGB Percent	88%, 67%, 87%
CMY	0.1216, 0.3255, 0.1294
CMYK	0.00, 0.23, 0.01, 0.12
HSL	302°, 46%, 78%
HSV	302°, 23%, 88%
XYZ	58.6778, 50.6263, 75.7864
YIQ	193.2480, 14.9420, 26.5740

Conversions

Conversions Part 2

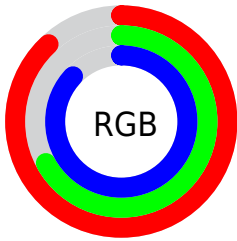
Format	Color
RYB	224, 172, 222
Decimal	14724318
CIELab	76.45, 27.24, -17.84
CIELCh	76, 32.568, 326.775
Yxy	50.6263, 0.3170, 0.2735
Android (android.graphics.Color)	4292914398 (0xFFE0ACDE)
YUV	193.2480, 14.1747, 26.9695
Hunter-Lab	71.1522, 22.6892, -13.3451

Details

The XYZ color **58.6778, 50.6263, 75.7864** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.3109, 65.1395, 49.9160**, and the grayscale version is **50.7488, 53.3917, 58.1436**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **29.7203, 24.3085, 39.6848** is the 20% darker color. If you saturate the color by 10%, you get **54.6540, 42.7622, 73.8773**, and if you desaturate by 10%, it is **63.4238, 59.9321, 77.9403**.

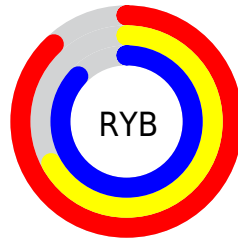
Distribution



Red (88%)

Green (67%)

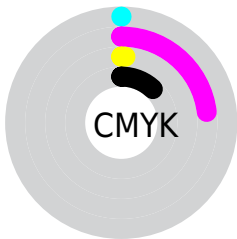
Blue (87%)



Red (88%)

Yellow (67%)

Blue (87%)

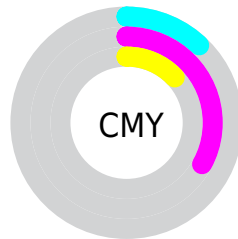


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (12%)



Cyan (12%)


Magenta (33%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6778, 50.6263, 75.7864 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 58.6778, 50.6263, 75.7864 by changing the saturation by 10% instead.


 58.6778, 50.6263,
75.7864

 58.6778, 50.6263,
75.7864


409.6201,
389.1101, 499.9435

 42.5992, 35.9113,
55.7518


 102.0265, 91.1021,
129.1822

 29.7639, 24.3657,
39.6013

130.0274,
117.6318, 163.3805

 19.8066, 15.6051,
26.9164


162.7330,
148.8684, 203.1371

 12.3620, 9.2452,
17.2786

200.5087,
185.1964, 248.8706

 7.0647, 4.9014,
10.2692

243.7199,
227.0002, 300.9994

 3.5493, 2.1895,
5.4699

292.7320,

 1.4504, 0.7143,

274.6641, 359.9421

2.4620

347.9103,
328.5726, 426.1173

■ 0.2917, 0.0000,
0.8199

■ 0.0000, 0.0000,
0.0000

■ 58.6778, 50.6263,
75.7864

■ 58.6778, 50.6263,
75.7864

■ 54.6540, 42.7622,
73.8773

■ 63.4238, 59.9321,
77.9403

■ 51.3118, 36.2613,
72.1977

■ 68.9208, 70.7399,
80.3469

■ 48.6136, 31.0473,
70.7357

■ 75.2018, 83.1147,
83.0178

■ 46.5163, 27.0343,
69.4768

■ 80.1527, 92.8282,
85.2482

44.9716, 24.1256,
68.4051

80.2709, 92.8755,
85.8706

43.9238, 22.2095,
67.5019

80.3897, 92.9230,
86.4962

43.3052, 21.1512,
66.7447

80.5091, 92.9708,
87.1249

43.0560, 20.7736,
66.2892

80.6291, 93.0188,
87.7568

80.7497, 93.0670,
88.3918

Harmonies

Analogous

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



53.6315, 50.6263, 91.1251



58.6778, 50.6263, 75.7864



60.8849, 50.6263, 57.0462

Triad

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



58.6778, 50.6263, 75.7864



48.7856, 50.6263, 27.8030



38.3359, 50.6263, 71.7881

Complementary

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



58.6778, 50.6263, 75.7864



51.3109, 65.1395, 49.9160

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.



37.2749, 50.6263, 53.2444



58.6778, 50.6263, 75.7864



42.9974, 50.6263, 30.1264

Square

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



58.6778, 50.6263, 75.7864



54.8768, 50.6263, 31.4150



38.9091, 50.6263, 38.6055



41.9397, 50.6263, 88.4933

Rectangle

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



58.6778, 50.6263, 75.7864



60.3212, 50.6263, 45.9357



38.9091, 50.6263, 38.6055



37.6840, 50.6263, 65.4612

Sweetspot

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



58.6793, 50.6285, 75.7875



89.5073, 89.0911, 106.5080



45.6056, 43.8576, 76.5836



19.0611, 18.8782, 22.7547



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.



58.6793, 50.6285, 75.7875



75.9084, 62.4194, 100.3533



55.4890, 49.3524, 58.9872



14.2711, 13.9261, 17.1975



25.0716, 12.0957, 38.6385



1.7450, 0.8413, 2.7162

Inverse Universe

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



58.6793, 50.6285, 75.7875



75.9084, 62.4194, 100.3533



54.0650, 66.2411, 64.4185



14.2711, 13.9261, 17.1975



25.0716, 12.0957, 38.6385



1.7450, 0.8413, 2.7162

Previews

White Background



This preview shows how the XYZ color 58.6778, 50.6263, 75.7864 looks on a white background.

Color Contrast Check

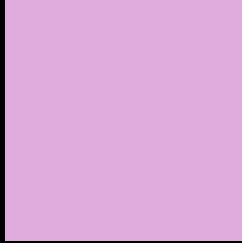
Large Text (above 18pt) WCAG AA × Fail

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 58.6778, 50.6263, 75.7864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

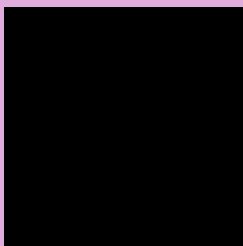
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6778, 50.6263, 75.7864

Background



This preview shows how black text looks on a background with the XYZ color 58.6778, 50.6263, 75.7864.



This preview shows how white text looks on a background with the XYZ color 58.6778, 50.6263,

75.7864.

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

58.6778, 50.6263, 75.7864

Protanopia

50.6959, 50.8318, 83.4835

Deuteranopia

51.7970, 50.6548, 74.7575



Tritanopia

54.8396, 50.8180, 56.2087

Trichromacy



Original Color

58.6778, 50.6263, 75.7864

Protanomaly

53.2372, 50.6594, 80.3711

Deuteranomaly

54.2742, 50.7003, 75.3322

Tritanomaly

56.0048, 50.6871, 62.7089

Monochromacy



Original Color

58.6778, 50.6263, 75.7864

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.1499, 51.8949, 64.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6778, 50.6263, 75.7864 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(224, 172, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 172, 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(224, 172, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 172, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.6778, 50.6263, 75.7864 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(224, 172, 222) }
```


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

```
.border{ border-color:rgb(224, 172, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 172, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 172, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 172, 222);  
box-shadow:4px 4px 4px 4px rgb(224, 172,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6778, 50.6263, 75.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 172, 222) }
```

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

```
.background{ background-color: rgb(224,  
172, 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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