

Converting Colors

XYZ(58.6572, 50.6051, 76.3164)

Have a look what the booklet for
XYZ(58.6572, 50.6051, 76.3164)
contains.

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Color

**XYZ(58.8123, 50.6801,
76.4945)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ACDF
RGB	224, 172, 223
RGB Percent	88%, 67%, 87%
CMY	0.1216, 0.3255, 0.1255
CMYK	0.00, 0.23, 0.00, 0.12
HSL	301°, 46%, 78%
HSV	301°, 23%, 88%
XYZ	58.8123, 50.6801, 76.4945
YIQ	193.3620, 14.6210, 26.8850

Conversions

Conversions Part 2

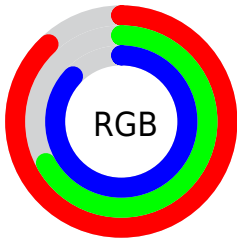
Format	Color
RYB	224, 172, 223
Decimal	14724319
CIELab	76.48, 27.43, -18.34
CIELCh	76, 32.994, 326.232
Yxy	50.6801, 0.3162, 0.2725
Android (android.graphics.Color)	4292914399 (0xFFE0ACDF)
YUV	193.3620, 14.6115, 26.8695
Hunter-Lab	71.1900, 22.8821, -13.8749

Details

The XYZ color **58.8123, 50.6801, 76.4945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2138, 65.1007, 49.4045**, and the grayscale version is **50.8135, 53.4598, 58.2177**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **29.8132, 24.3456, 40.1736** is the 20% darker color. If you saturate the color by 10%, you get **54.8457, 42.8389, 74.8865**, and if you desaturate by 10%, it is **63.5007, 59.9628, 78.3449**.

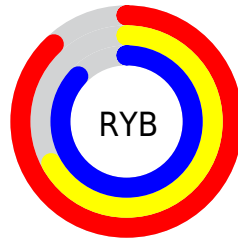
Distribution



Red (88%)

Green (67%)

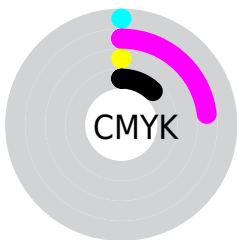
Blue (87%)



Red (88%)

Yellow (67%)

Blue (87%)

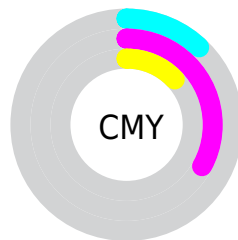


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (33%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8123, 50.6801, 76.4945 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 58.8123, 50.6801, 76.4945 by changing the saturation by 10% instead.


 58.8123, 50.6801,
76.4945

 58.8123, 50.6801,
76.4945


410.1112,
389.3196, 502.4306

 42.7078, 35.9541,
56.3290


 102.2210, 91.1817,
130.1922

 29.8495, 24.3987,
40.0610


130.2559,
117.7261, 164.5614

 19.8719, 15.6297,
27.2720

162.9984,
148.9788, 204.5023

 12.4097, 9.2625,
17.5433


200.8138,
185.3241, 250.4334

 7.0975, 4.9128,
10.4566

244.0674,
227.1464, 302.7732

 3.5700, 2.1962,
5.5932

293.1246,

 1.4619, 0.7179,

274.8302, 361.9404

2.5346

348.3507,
328.7598, 428.3533

■ 0.2997, 0.0000,
0.8584

■ 0.0000, 0.0000,
0.0000

■ 58.8123, 50.6801,
76.4945

■ 58.8123, 50.6801,
76.4945

■ 54.8457, 42.8389,
74.8865

■ 63.5007, 59.9628,
78.3449

■ 51.5602, 36.3606,
73.5057

■ 68.9396, 70.7474,
80.4457

■ 48.9183, 31.1692,
72.3402

■ 75.1621, 83.0988,
82.8085

■ 46.8769, 27.1786,
71.3756

■ 80.0540, 92.7888,
84.7284

45.3876, 24.2920,
70.5957

80.1128, 92.8123,
85.0380

44.3948, 22.3979,
69.9820

80.1718, 92.8359,
85.3484

43.8308, 21.3614,
69.5120

80.2309, 92.8595,
85.6596

43.6184, 20.9985,
69.2502

80.2901, 92.8832,
85.9715

80.3495, 92.9070,
86.2843

Harmonies

Analogous

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



53.6523, 50.6801, 91.9632



58.8123, 50.6801, 76.4945



61.1172, 50.6801, 57.4635

Triad

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



58.8123, 50.6801, 76.4945



48.9601, 50.6801, 27.5737



38.2182, 50.6801, 71.7495

Complementary

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



58.8123, 50.6801, 76.4945



51.2138, 65.1007, 49.4045

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.



37.1939, 50.6801, 52.9617



58.8123, 50.6801, 76.4945



43.0743, 50.6801, 29.8063

Square

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



58.8123, 50.6801, 76.4945



55.1283, 50.6801, 31.3241



38.8957, 50.6801, 38.2487



41.8232, 50.6801, 88.8356

Rectangle

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



58.8123, 50.6801, 76.4945



60.5902, 50.6801, 46.1501



38.8957, 50.6801, 38.2487



37.5747, 50.6801, 65.3216

Sweetspot

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



58.8139, 50.6823, 76.4956



89.5624, 89.1132, 106.7982



45.4135, 43.7585, 76.5748



19.0740, 18.8834, 22.8222



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.



58.8139, 50.6823, 76.4956



76.1271, 62.5069, 101.5051



55.5882, 49.3920, 59.5093



14.2831, 13.9309, 17.2607



25.3939, 12.2246, 40.3357



1.7639, 0.8488, 2.8153

Inverse Universe

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



58.8139, 50.6823, 76.4956



76.1271, 62.5069, 101.5051



53.9641, 66.2008, 63.8875



14.2831, 13.9309, 17.2607



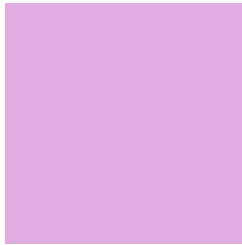
25.3939, 12.2246, 40.3357



1.7639, 0.8488, 2.8153

Previews

White Background



This preview shows how the XYZ color 58.8123, 50.6801, 76.4945 looks on a white background.

Color Contrast Check

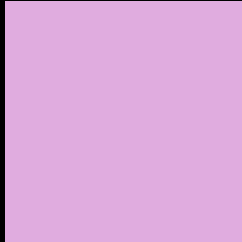
Large Text (above 18pt) WCAG AA × Fail

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 58.8123, 50.6801, 76.4945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

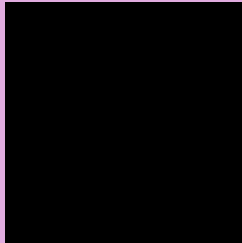
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8123, 50.6801, 76.4945

Background



This preview shows how black text looks on a background with the XYZ color 58.8123, 50.6801, 76.4945.



This preview shows how white text looks on a background with the XYZ color 58.8123, 50.6801,

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

58.8123, 50.6801, 76.4945

Protanopia

50.8384, 50.8888, 84.2338

Deuteranopia

51.9299, 50.7079, 75.4572



Tritanopia

54.9500, 50.8622, 56.7904

Trichromacy



Original Color

58.8123, 50.6801, 76.4945



Protanomaly

53.3765, 50.7151, 81.1045



Deuteranomaly

54.4079, 50.7538, 76.0361



Tritanomaly

56.1236, 50.7346, 63.3346

Monochromacy



Original Color

58.8123, 50.6801, 76.4945



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 58.8123, 50.6801, 76.4945 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 172, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 172, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.8123, 50.6801, 76.4945 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, 223) }
```


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

```
.border{ border-color:rgb(224, 172, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 172, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 172, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 172,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8123, 50.6801, 76.4945 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, 223) }
```

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

```
.background{ background-color: rgb(224,  
172, 223) }
```

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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