

Converting Colors

XYZ(58.3838, 50.3605, 78.1526)

Have a look what the booklet for
XYZ(58.3838, 50.3605, 78.1526)
contains.

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Color

**XYZ(58.4673, 50.4709,
77.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	DEACE1
RGB	222, 172, 225
RGB Percent	87%, 67%, 88%
CMY	0.1294, 0.3255, 0.1176
CMYK	0.01, 0.24, 0.00, 0.12
HSL	297°, 47%, 78%
HSV	297°, 24%, 88%
XYZ	58.4673, 50.4709, 77.8945
YIQ	192.9920, 12.7870, 27.0830

Conversions

Conversions Part 2

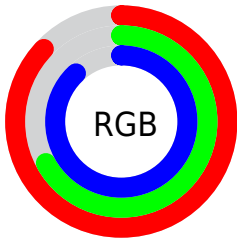
Format	Color
R _Y B	222, 172, 225
Decimal	14593249
CIE Lab	76.36, 27.14, -19.64
CIE LCh	76, 33.500, 324.115
Yxy	50.4709, 0.3129, 0.2701
Android (android.graphics.Color)	4292783329 (0xFFDEACE1)
YUV	192.9920, 15.7799, 25.4400
Hunter-Lab	71.0429, 22.5780, -15.2781

Details

The XYZ color **58.4673, 50.4709, 77.8945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0527, 65.9443, 49.0173**, and the grayscale version is **50.5902, 53.2248, 57.9618**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **29.5784, 24.2029, 41.1429** is the 20% darker color. If you saturate the color by 10%, you get **54.1542, 42.4208, 76.5687**, and if you desaturate by 10%, it is **63.5114, 59.9768, 79.4642**.

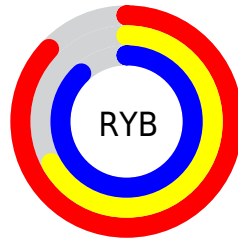
Distribution



Red (87%)

Green (67%)

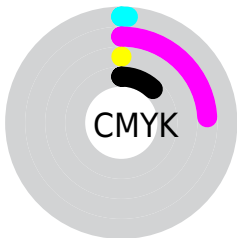
Blue (88%)



Red (87%)

Yellow (67%)

Blue (88%)

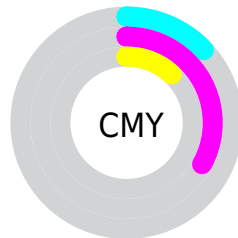


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (33%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4673, 50.4709, 77.8945 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 58.4673, 50.4709, 77.8945 by changing the saturation by 10% instead.


 58.4673, 50.4709,
77.8945

 58.4673, 50.4709,
77.8945


408.8508,
388.5046, 507.3269

 42.4292, 35.7877,
57.4714


 101.7221, 90.8722,
132.1859

 29.6301, 24.2703,
40.9719


129.6695,
117.3591, 166.8913

 19.7046, 15.5342,
27.9776


162.3173,
148.5493, 207.1945

 12.2875, 9.1952,
18.0699

200.0310,
184.8273, 253.5141

 7.0134, 4.8687,
10.8302

243.1758,
226.5774, 306.2685

 3.5169, 2.1704,
5.8401

292.1171,

 1.4326, 0.7038,

274.1841, 365.8765

2.6809

347.2203,
328.0317, 432.7564

■ 0.2793, 0.0000,
0.9338

■ 0.0000, 0.0000,
0.0000

■ 58.4673, 50.4709,
77.8945

■ 58.4673, 50.4709,
77.8945

■ 54.1542, 42.4208,
76.5687

■ 63.5114, 59.9768,
79.4642

■ 50.5310, 35.7469,
75.4715

■ 69.3157, 70.9998,
81.2860

■ 47.5595, 30.3721,
74.5907

■ 75.9137, 83.6057,
83.3714

■ 45.1960, 26.2091,
73.9117

■ 81.0595, 93.3028,
84.9719

43.3915, 23.1595,
73.4182

81.4629, 93.5107,
84.9908

42.0892, 21.1101,
73.0913

81.8694, 93.7203,
85.0098

41.2203, 19.9231,
72.9080

82.2788, 93.9313,
85.0290

40.8187, 19.4728,
72.8422

82.6912, 94.1439,
85.0483

83.1066, 94.3581,
85.0677

Harmonies

Analogous

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



53.0913, 50.4709, 93.0790



58.4673, 50.4709, 77.8945



61.0545, 50.4709, 58.5875

Triad

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



58.4673, 50.4709, 77.8945



49.2235, 50.4709, 27.1695



37.7447, 50.4709, 70.3783

Complementary

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



58.4673, 50.4709, 77.8945



52.0527, 65.9443, 49.0173

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.



36.9045, 50.4709, 51.4744



58.4673, 50.4709, 77.8945



43.1911, 50.4709, 28.9870

Square

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



58.4673, 50.4709, 77.8945



55.4257, 50.4709, 31.3710



38.8128, 50.4709, 37.0280



41.2168, 50.4709, 88.1171

Rectangle

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



58.4673, 50.4709, 77.8945



60.7007, 50.4709, 46.9222



38.8128, 50.4709, 37.0280



37.1585, 50.4709, 63.8542

Sweetspot

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



58.4689, 50.4731, 77.8956



89.2469, 88.9441, 107.0719



46.0401, 45.0774, 77.5092



19.0006, 18.8441, 22.8858



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.



58.4689, 50.4731, 77.8956



74.8762, 61.8365, 102.5970



56.4701, 49.7807, 62.5319



14.2144, 13.8941, 17.3203



23.5554, 11.2386, 41.9761



1.6564, 0.7912, 2.9107

Inverse Universe

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



53.5435, 48.6100, 47.1206



67.3360, 58.9904, 55.2119



53.7868, 66.5610, 61.6247



13.7385, 13.7130, 14.3933



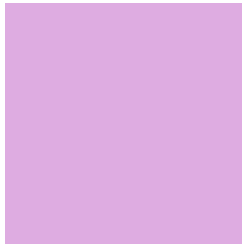
17.9478, 9.2461, 1.1247



1.2553, 0.6454, 0.1372

Previews

White Background



This preview shows how the XYZ color 58.4673, 50.4709, 77.8945 looks on a white background.

Color Contrast Check

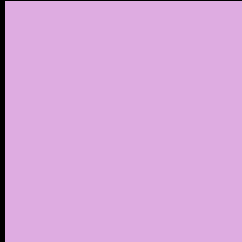
Large Text (above 18pt) WCAG AA × Fail

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 58.4673, 50.4709, 77.8945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

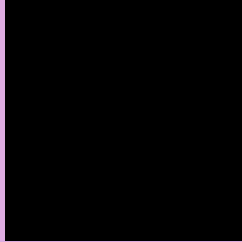
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4673, 50.4709, 77.8945

Background



This preview shows how black text looks on a background with the XYZ color 58.4673, 50.4709, 77.8945.



This preview shows how white text looks on a background with the XYZ color 58.4673, 50.4709,

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

58.4673, 50.4709, 77.8945

Protanopia

50.8972, 50.8859, 85.7367

Deuteranopia

51.6950, 50.5558, 76.8457



Tritanopia

54.0501, 50.3983, 56.7483

Trichromacy



Original Color

58.4673, 50.4709, 77.8945

Protanomaly

53.1441, 50.5629, 82.5599

Deuteranomaly

54.1329, 50.5809, 77.4310

Tritanomaly

55.6378, 50.4704, 63.9361

Monochromacy



Original Color

58.4673, 50.4709, 77.8945

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.2702, 51.9431, 64.9760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4673, 50.4709, 77.8945 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, 172, 225)` looks like.

```
.text, #text, p{  
    color:rgb(222, 172, 225)  
}
```

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, 172, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 172, 225) }
```

Border

The CSS property to change the border of an element to XYZ 58.4673, 50.4709, 77.8945 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, 172, 225) }
```


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

```
.border{ border-color:rgb(222, 172, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 172, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 172, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 172, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 172,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4673, 50.4709, 77.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 172, 225) }
```

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

```
.background{ background-color: rgb(222,  
172, 225) }
```

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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