

Converting Colors

XYZ(58.7504, 54.5901, 77.6952)

Have a look what the booklet for
XYZ(58.7504, 54.5901, 77.6952)
contains.

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Color

**XYZ(58.8278, 54.5268,
77.9452)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D7B9E0 |
| RGB | 215, 185, 224 |
| RGB Percent | 84%, 73%, 88% |
| CMY | 0.1569, 0.2745, 0.1216 |
| CMYK | 0.04, 0.17, 0.00, 0.12 |
| HSL | 286°, 39%, 80% |
| HSV | 286°, 17%, 88% |
| XYZ | 58.8278, 54.5268, 77.9452 |
| YIQ | 198.4160, 5.3610, 18.4890 |

Conversions

Conversions Part 2

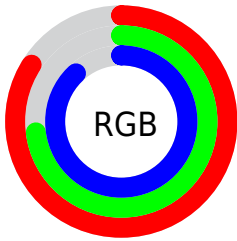
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 215, 185, 224 |
| Decimal | 14137824 |
| CIE _{Lab} | 78.77, 17.62, -15.52 |
| CIE _{LCh} | 79, 23.483, 318.634 |
| Yxy | 54.5268, 0.3075, 0.2850 |
| Android (android.graphics.Color) | 4292327904 (0xFFD7B9E0) |
| YUV | 198.4160, 12.6129, 14.5442 |
| Hunter-Lab | 73.8423, 12.9814, -10.8948 |

Details

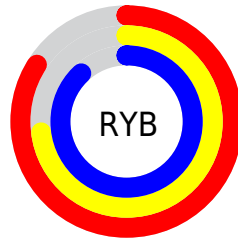
The XYZ color **58.8278, 54.5268, 77.9452** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.6628, 68.2849, 56.0428**, and the grayscale version is **53.8543, 56.6589, 61.7016**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **29.9099, 26.8407, 41.1405** is the 20% darker color. If you saturate the color by 10%, you get **53.0123, 45.1131, 76.4355**, and if you desaturate by 10%, it is **65.4328, 65.4464, 79.7056**.

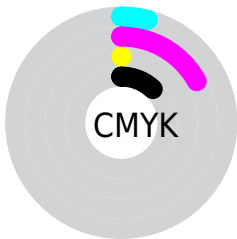
Distribution



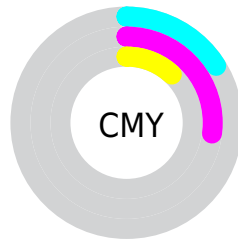
- Red (84%)
- Green (73%)
- Blue (88%)



- Red (84%)
- Yellow (73%)
- Blue (88%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8278, 54.5268, 77.9452 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 58.8278, 54.5268, 77.9452 by changing the saturation by 10% instead.

■ 58.8278, 54.5268,
77.9452

■ 58.8278, 54.5268,
77.9452

410.1678,
404.1157, 507.5037

■ 42.7204, 39.0230,
57.5128

■ 102.2434, 96.8473,
132.2580

■ 29.8593, 26.7776,
41.0050

130.2823,
124.4328, 166.9755

■ 19.8794, 17.4063,
28.0032

163.0290,
156.8143, 207.2918

■ 12.4151, 10.5246,
18.0890

200.8489,
194.3762, 253.6254

■ 7.1013, 5.7481,
10.8438

244.1074,
237.5029, 306.3948

■ 3.5724, 2.6925,
5.8491

293.1698,

■ 1.4632, 0.9734,

286.5787, 366.0187

2.6862

348.4015,
341.9882, 432.9154

■ 0.3006, 0.0000,
0.9365

■ 0.0000, 0.0000,
0.0000

■ 58.8278, 54.5268,
77.9452

■ 58.8278, 54.5268,
77.9452

■ 53.0123, 45.1131,
76.4355

■ 65.4328, 65.4464,
79.7056

■ 47.9465, 37.1291,
75.1614

■ 72.8550, 77.9295,
81.7239

■ 43.5943, 30.5024,
74.1117

■ 81.1267, 92.0392,
84.0114

■ 39.9146, 25.1515,
73.2728

■ 83.7006, 94.6800,
84.3854

36.8619, 20.9860,
72.6297

85.4389, 95.5762,
84.4668

34.3846, 17.9035,
72.1653

87.2274, 96.4981,
84.5505

32.4223, 15.7837,
71.8596

89.0663, 97.4462,
84.6365

30.8942, 14.4658,
71.6857

90.4547, 98.1619,
84.7015

30.5351, 14.1871,
71.6509

Harmonies

Analogous

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



54.7348, 54.5268, 87.0802



58.8278, 54.5268, 77.9452



61.0921, 54.5268, 64.5595

Triad

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



58.8278, 54.5268, 77.9452



53.6076, 54.5268, 37.6442



43.8094, 54.5268, 67.9309

Complementary

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



58.8278, 54.5268, 77.9452



57.6628, 68.2849, 56.0428

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.



43.5478, 54.5268, 54.4671



58.8278, 54.5268, 77.9452



49.0223, 54.5268, 38.2674

Square

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



58.8278, 54.5268, 77.9452



57.9603, 54.5268, 42.1566



45.4032, 54.5268, 44.0092



46.1407, 54.5268, 80.7287

Rectangle

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



58.8278, 54.5268, 77.9452



61.1748, 54.5268, 55.6099



45.4032, 54.5268, 44.0092



43.4819, 54.5268, 63.2967

Sweetspot

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



58.8295, 54.5291, 77.9464



90.0423, 91.5794, 107.5386



52.7784, 54.3267, 78.2262



19.1270, 19.3577, 22.9783



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.



58.8295, 54.5291, 77.9464



75.8803, 68.1944, 103.7713



60.1777, 55.3822, 70.8704



13.9696, 13.7679, 17.3089



17.8786, 8.3121, 41.7104



1.3155, 0.6154, 2.8947

Inverse Universe

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



57.8289, 54.4427, 58.5022



74.3449, 68.0887, 72.7142



56.5608, 67.5853, 61.9337



13.8362, 13.7521, 14.9075



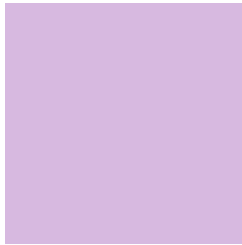
18.2866, 9.3816, 2.9090



1.3017, 0.6640, 0.3817

Previews

White Background



This preview shows how the XYZ color 58.8278, 54.5268, 77.9452 looks on a white background.

Color Contrast Check

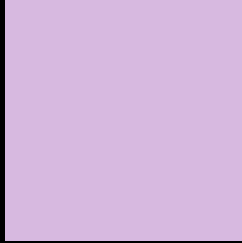
Large Text (above 18pt) WCAG AA × Fail

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 58.8278, 54.5268, 77.9452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

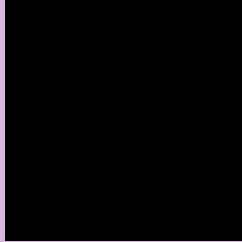
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8278, 54.5268, 77.9452

Background



This preview shows how black text looks on a background with the XYZ color 58.8278, 54.5268, 77.9452.



This preview shows how white text looks on a background with the XYZ color 58.8278, 54.5268,

77.9452.

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

58.8278, 54.5268, 77.9452

Protanopia

54.0919, 54.5445, 82.5401

Deuteranopia

55.8201, 54.5721, 77.4035



Tritanopia

56.1285, 54.7040, 64.1006

Trichromacy



Original Color

58.8278, 54.5268, 77.9452

Protanomaly

55.7057, 54.4341, 80.9696

Deuteranomaly

56.7561, 54.4160, 77.3240

Tritanomaly

57.1817, 54.8157, 69.1947

Monochromacy



Original Color

58.8278, 54.5268, 77.9452

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2343, 55.4823, 66.8295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8278, 54.5268, 77.9452 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(215, 185, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 185, 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(215, 185, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 185, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.8278, 54.5268, 77.9452 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(215, 185, 224) }
```


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

```
.border{ border-color:rgb(215, 185, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 185, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 185, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 185, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 185,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8278, 54.5268, 77.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 185, 224) }
```

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

```
.background{ background-color: rgb(215,  
185, 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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