

Converting Colors

XYZ(59.5085, 54.5682, 77.9173)

Have a look what the booklet for
XYZ(59.5085, 54.5682, 77.9173)
contains.

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Color

**XYZ(59.5085, 54.5682,
77.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB8E0
RGB	218, 184, 224
RGB Percent	85%, 72%, 88%
CMY	0.1451, 0.2784, 0.1216
CMYK	0.03, 0.18, 0.00, 0.12
HSL	291°, 39%, 80%
HSV	291°, 18%, 88%
XYZ	59.5085, 54.5682, 77.9173
YIQ	198.7260, 7.4240, 19.6480

Conversions

Conversions Part 2

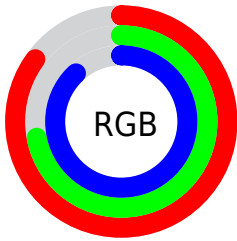
Format	Color
R _{YB}	218, 184, 224
Decimal	14334176
CIE _{Lab}	78.79, 19.16, -15.46
CIE _{LCh}	79, 24.616, 321.104
Yxy	54.5682, 0.3099, 0.2842
Android (android.graphics.Color)	4292524256 (0xFFDAB8E0)
YUV	198.7260, 12.4601, 16.9033
Hunter-Lab	73.8703, 14.5232, -10.8290

Details

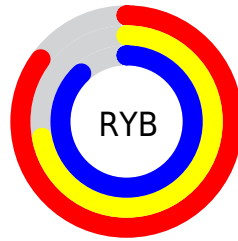
The XYZ color **59.5085, 54.5682, 77.9173** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.5445, 67.7205, 55.4412**, and the grayscale version is **54.0432, 56.8577, 61.9180**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **30.3820, 26.8837, 41.1239** is the 20% darker color. If you saturate the color by 10%, you get **54.2247, 45.4764, 76.4417**, and if you desaturate by 10%, it is **65.5527, 65.1487, 79.6418**.

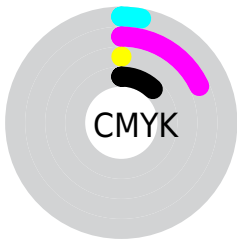
Distribution



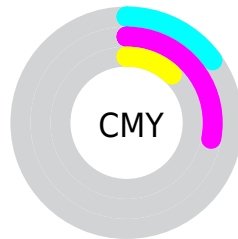
- Red (85%)
- Green (72%)
- Blue (88%)



- Red (85%)
- Yellow (72%)
- Blue (88%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5085, 54.5682, 77.9173 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 59.5085, 54.5682, 77.9173 by changing the saturation by 10% instead.

■ 59.5085, 54.5682,
77.9173

■ 59.5085, 54.5682,
77.9173

412.6476,
404.2730, 507.4064

■ 43.2705, 39.0561,
57.4900

■ 103.2268, 96.9080,
132.2183

■ 30.2929, 26.8034,
40.9868

131.4378,
124.5045, 166.9292

■ 20.2102, 17.4256,
27.9891

164.3705,
156.8980, 207.2382

■ 12.6571, 10.5384,
18.0785

202.3903,
194.4728, 253.5641

■ 7.2682, 5.7574,
10.8363

245.8626,
237.6133, 306.3253

■ 3.6782, 2.6981,
5.8441

295.1527,

■ 1.5217, 0.9762,

286.7039, 365.9404

2.6833

350.6259,
342.1290, 432.8279

■ 0.3406, 0.0000,
0.9350

■ 0.0000, 0.0000,
0.0000

■ 59.5085, 54.5682,
77.9173

■ 59.5085, 54.5682,
77.9173

■ 54.2247, 45.4764,
76.4417

■ 65.5527, 65.1487,
79.6418

■ 49.6617, 37.7970,
75.1999

■ 72.3848, 77.2755,
81.6224

■ 45.7836, 31.4575,
74.1807

■ 80.0369, 91.0118,
83.8705

■ 42.5495, 26.3763,
73.3704

■ 82.3125, 93.9644,
84.3205

39.9140, 22.4626,
72.7539

83.4102, 94.5303,
84.3718

37.8254, 19.6136,
72.3140

84.5289, 95.1070,
84.4242

36.2233, 17.7083,
72.0307

85.6687, 95.6946,
84.4775

35.0233, 16.5783,
71.8758

86.8297, 96.2931,
84.5319

34.7902, 16.3808,
71.8500

88.0119, 96.9026,
84.5872

Harmonies

Analogous

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



55.3143, 54.5682, 88.1455



59.5085, 54.5682, 77.9173



61.6889, 54.5682, 63.6647

Triad

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



59.5085, 54.5682, 77.9173



53.3287, 54.5682, 36.6430



43.6024, 54.5682, 69.6154

Complementary

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



59.5085, 54.5682, 77.9173



56.5445, 67.7205, 55.4412

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.



43.1445, 54.5682, 55.3597



59.5085, 54.5682, 77.9173



48.5630, 54.5682, 37.7240

Square

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



59.5085, 54.5682, 77.9173



57.9770, 54.5682, 40.8749



44.9065, 54.5682, 44.1022



46.1992, 54.5682, 82.8546

Rectangle

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



59.5085, 54.5682, 77.9173



61.6185, 54.5682, 54.3938



44.9065, 54.5682, 44.1022



43.2000, 54.5682, 64.7371

Sweetspot

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



59.5102, 54.5706, 77.9185



90.4165, 91.7723, 107.5561



51.6374, 52.4016, 77.9148



19.2181, 19.4047, 22.9825



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.



59.5102, 54.5706, 77.9185



77.3880, 68.9717, 103.8418



59.5155, 54.7837, 68.4119



14.0824, 13.8260, 17.3142



20.3279, 9.5747, 41.8251



1.4646, 0.6923, 2.9017

Inverse Universe

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



57.1770, 53.8483, 56.0978



73.8002, 67.8708, 69.8459



56.6177, 67.5803, 63.4884



13.7906, 13.7339, 14.6675



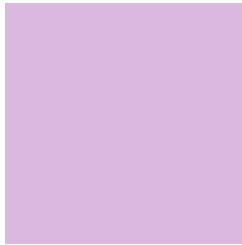
18.0841, 9.3006, 1.8425



1.2801, 0.6553, 0.2677

Previews

White Background



This preview shows how the XYZ color 59.5085, 54.5682, 77.9173 looks on a white background.

Color Contrast Check

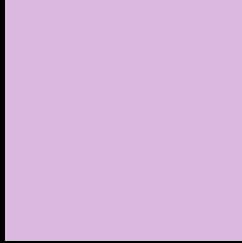
Large Text (above 18pt) WCAG AA × Fail

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 59.5085, 54.5682, 77.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

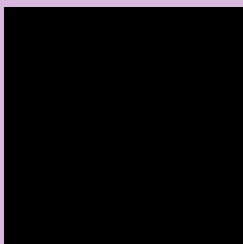
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5085, 54.5682, 77.9173

Background



This preview shows how black text looks on a background with the XYZ color 59.5085, 54.5682, 77.9173.



This preview shows how white text looks on a background with the XYZ color 59.5085, 54.5682,

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

59.5085, 54.5682, 77.9173

Protanopia

54.3138, 54.9881, 82.6140

Deuteranopia

55.8201, 54.5721, 77.4035



Tritanopia

56.6682, 54.6778, 63.4442

Trichromacy



Original Color

59.5085, 54.5682, 77.9173

Protanomaly

55.9702, 54.5705, 80.9820

Deuteranomaly

57.0346, 54.5596, 77.3370

Tritanomaly

57.7221, 54.7927, 68.5065

Monochromacy



Original Color

59.5085, 54.5682, 77.9173

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1306, 56.2595, 67.5753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5085, 54.5682, 77.9173 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(218, 184, 224)` looks like.

```
.text, #text, p{  
    color:rgb(218, 184, 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(218, 184, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 184, 224) }
```

Border

The CSS property to change the border of an element to XYZ 59.5085, 54.5682, 77.9173 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(218, 184, 224) }
```


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

```
.border{ border-color:rgb(218, 184, 224) }
```

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

Here you see how a box with a 4 pixel rgb(218, 184, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 184, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 184, 224);  
box-shadow:4px 4px 4px 4px rgb(218, 184,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5085, 54.5682, 77.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 184, 224) }
```

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

```
.background{ background-color: rgb(218,  
184, 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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