

Converting Colors

XYZ(59.6764, 54.7247, 77.7855)

Have a look what the booklet for
XYZ(59.6764, 54.7247, 77.7855)
contains.

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Color

**XYZ(59.8085, 54.7229,
77.9313)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB8E0
RGB	219, 184, 224
RGB Percent	86%, 72%, 88%
CMY	0.1412, 0.2784, 0.1216
CMYK	0.02, 0.18, 0.00, 0.12
HSL	293°, 39%, 80%
HSV	293°, 18%, 88%
XYZ	59.8085, 54.7229, 77.9313
YIQ	199.0250, 8.0200, 19.8600

Conversions

Conversions Part 2

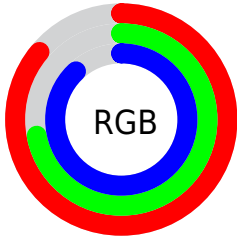
Format	Color
RYB	219, 184, 224
Decimal	14399712
CIELab	78.88, 19.49, -15.31
CIELCh	79, 24.786, 321.844
Yxy	54.7229, 0.3108, 0.2843
Android (android.graphics.Color)	4292589792 (0xFFDDBB8E0)
YUV	199.0250, 12.3127, 17.5181
Hunter-Lab	73.9749, 14.8606, -10.6785

Details

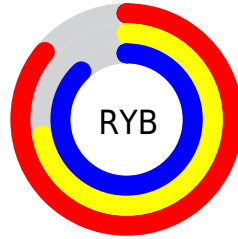
The XYZ color **59.8085, 54.7229, 77.9313** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.2955, 67.5922, 55.4296**, and the grayscale version is **54.2265, 57.0505, 62.1279**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **30.5876, 26.9897, 41.1335** is the 20% darker color. If you saturate the color by 10%, you get **54.6841, 45.7132, 76.4632**, and if you desaturate by 10%, it is **65.6871, 65.2181, 79.6481**.

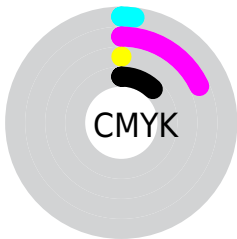
Distribution



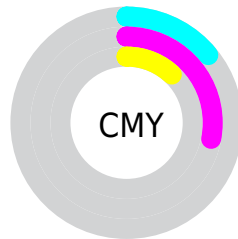
- Red (86%)
- Green (72%)
- Blue (88%)



- Red (86%)
- Yellow (72%)
- Blue (88%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)




- Cyan (14%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8085, 54.7229, 77.9313 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 59.8085, 54.7229, 77.9313 by changing the saturation by 10% instead.


 59.8085, 54.7229,
77.9313

 59.8085, 54.7229,
77.9313


413.7376,
404.8607, 507.4552

 43.5132, 39.1799,
57.5014

 103.6597, 97.1348,
132.2383

 30.4842, 26.8997,
40.9959


131.9464,
124.7726, 166.9524

 20.3563, 17.4979,
27.9962


164.9608,
157.2107, 207.2651

 12.7641, 10.5901,
18.0838

203.0684,
194.8336, 253.5949

 7.3422, 5.7920,
10.8401

246.6345,
238.0256, 306.3602

 3.7252, 2.7190,
5.8466

296.0246,

 1.5479, 0.9868,

287.1712, 365.9797

2.6847

351.6038,
342.6548, 432.8718

■ 0.3581, 0.0000,
0.9357

■ 0.0000, 0.0000,
0.0000

■ 59.8085, 54.7229,
77.9313

■ 59.8085, 54.7229,
77.9313

■ 54.6841, 45.7132,
76.4632

■ 65.6871, 65.2181,
79.6481

■ 50.2743, 38.1128,
75.2285

■ 72.3474, 77.2563,
81.6206

■ 46.5433, 31.8491,
74.2162

■ 79.8214, 90.9008,
83.8604

■ 43.4503, 26.8406,
73.4125

■ 81.9125, 93.7582,
84.3017

40.9498, 22.9966,
72.8023

82.8194, 94.2258,
84.3441

38.9903, 20.2142,
72.3685

83.7408, 94.7008,
84.3873

37.5114, 18.3723,
72.0909

84.6768, 95.1833,
84.4311

36.4288, 17.3029,
71.9416

85.6274, 95.6733,
84.4755

36.2201, 17.1179,
71.9169

86.5928, 96.1710,
84.5207

Harmonies

Analogous

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



55.6110, 54.7229, 88.4237



59.8085, 54.7229, 77.9313



61.9463, 54.7229, 63.5096

Triad

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



59.8085, 54.7229, 77.9313



53.3657, 54.7229, 36.5946



43.7193, 54.7229, 70.2396

Complementary

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



59.8085, 54.7229, 77.9313



56.2955, 67.5922, 55.4296

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.



43.2018, 54.7229, 55.8235



59.8085, 54.7229, 77.9313



48.5726, 54.7229, 37.8149

Square

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



59.8085, 54.7229, 77.9313



58.0764, 54.7229, 40.7241



44.9252, 54.7229, 44.3691



46.3861, 54.7229, 83.5181

Rectangle

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



59.8085, 54.7229, 77.9313



61.8276, 54.7229, 54.1964



44.9252, 54.7229, 44.3691



43.2953, 54.7229, 65.3172

Sweetspot

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



59.8102, 54.7253, 77.9325



90.5327, 91.8322, 107.5615



51.4934, 52.1135, 77.8667



19.2465, 19.4193, 22.9839



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.



59.8102, 54.7253, 77.9325



77.8618, 69.2159, 103.8640



59.4326, 54.7506, 67.9753



14.1176, 13.8442, 17.3158



21.1497, 9.9984, 41.8635



1.5139, 0.7177, 2.9040

Inverse Universe

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



57.0681, 53.8048, 55.5241



73.6345, 67.8045, 68.9738



56.6948, 67.6111, 63.8944



13.7766, 13.7283, 14.5938



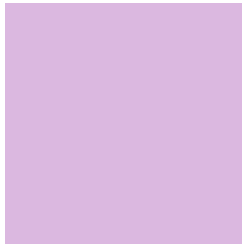
18.0379, 9.2822, 1.5996



1.2734, 0.6526, 0.2328

Previews

White Background



This preview shows how the XYZ color 59.8085, 54.7229, 77.9313 looks on a white background.

Color Contrast Check

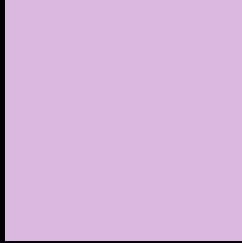
Large Text (above 18pt) WCAG AA × Fail

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 59.8085, 54.7229, 77.9313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

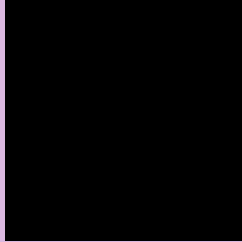
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8085, 54.7229, 77.9313

Background



This preview shows how black text looks on a background with the XYZ color 59.8085, 54.7229, 77.9313.



This preview shows how white text looks on a background with the XYZ color 59.8085, 54.7229,

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

59.8085, 54.7229, 77.9313

Protanopia

54.3138, 54.9881, 82.6140

Deuteranopia

56.0899, 54.7112, 77.4161



Tritanopia

56.9628, 54.8296, 63.4580

Trichromacy



Original Color

59.8085, 54.7229, 77.9313

Protanomaly

55.9702, 54.5705, 80.9820

Deuteranomaly

57.3149, 54.7040, 77.3502

Tritanomaly

58.0185, 54.9455, 68.5204

Monochromacy



Original Color

59.8085, 54.7229, 77.9313

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 59.8085, 54.7229, 77.9313 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(219, 184, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 184, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 224) }
```

Border

The CSS property to change the border of an element to XYZ 59.8085, 54.7229, 77.9313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

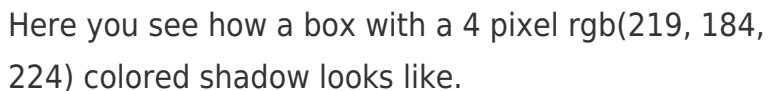
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 184, 224) }
```


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

```
.border{ border-color:rgb(219, 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(219, 184, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8085, 54.7229, 77.9313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 224) }
```

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

```
.background{ background-color: rgb(219,  
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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