

Converting Colors

XYZ(58.8899, 54.8667, 77.3901)

Have a look what the booklet for
XYZ(58.8899, 54.8667, 77.3901)
contains.

| | |
|--|----|
| XYZ(58.9025, 54.8926, 77.3029) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(58.9025, 54.8926,
77.3029)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D7BADF |
| RGB | 215, 186, 223 |
| RGB Percent | 84%, 73%, 87% |
| CMY | 0.1569, 0.2706, 0.1255 |
| CMYK | 0.04, 0.17, 0.00, 0.13 |
| HSL | 287°, 37%, 80% |
| HSV | 287°, 17%, 87% |
| XYZ | 58.9025, 54.8926, 77.3029 |
| YIQ | 198.8890, 5.4070, 17.6550 |

Conversions

Conversions Part 2

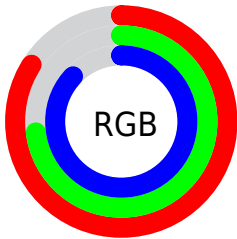
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 186, 223 |
| Decimal | 14138079 |
| CIE _{Lab} | 78.98, 16.89, -14.66 |
| CIE _{LCh} | 79, 22.368, 319.044 |
| Y _{xy} | 54.8926, 0.3082, 0.2872 |
| Android (android.graphics.Color) | 4292328159 (0xFFD7BADF) |
| Y _{UV} | 198.8890, 11.8867, 14.1293 |
| Hunter-Lab | 74.0895, 12.2540, -9.9988 |

Details

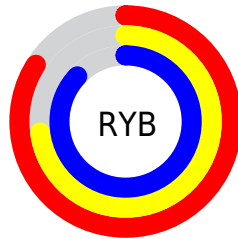
The XYZ color **58.9025, 54.8926, 77.3029** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.5008, 67.7913, 56.5115**, and the grayscale version is **54.1470, 56.9668, 62.0369**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.9526, 27.0758, 40.6933** is the 20% darker color. If you saturate the color by 10%, you get **53.1716, 45.5012, 75.7930**, and if you desaturate by 10%, it is **65.4116, 65.7765, 79.0615**.

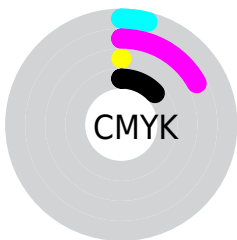
Distribution



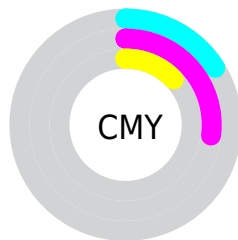
- Red (84%)
- Green (73%)
- Blue (87%)



- Red (84%)
- Yellow (73%)
- Blue (87%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9025, 54.8926, 77.3029 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 58.9025, 54.8926, 77.3029 by changing the saturation by 10% instead.

■ 58.9025, 54.8926,
77.3029

■ 58.9025, 54.8926,
77.3029

410.4404,
405.5047, 505.2612

■ 42.7807, 39.3157,
56.9885

■ 102.3514, 97.3836,
131.3439

■ 29.9069, 27.0054,
40.5867

130.4092,
125.0665, 165.9075

■ 19.9156, 17.5773,
27.6790

163.1764,
157.5535, 206.0579

■ 12.4416, 10.6469,
17.8469

201.0183,
195.2291, 252.2137

■ 7.1195, 5.8300,
10.6718

244.3003,
238.4776, 304.7934

■ 3.5840, 2.7420,
5.7352

293.3877,

■ 1.4696, 0.9986,

287.6835, 364.2155

2.6186

348.6460,
343.2310, 430.8986

■ 0.3050, 0.0000,
0.9020

■ 0.0000, 0.0000,
0.0000

■ 58.9025, 54.8926,
77.3029

■ 58.9025, 54.8926,
77.3029

■ 53.1716, 45.5012,
75.7930

■ 65.4116, 65.7765,
79.0615

■ 48.1797, 37.5271,
74.5170

■ 72.7259, 78.2094,
81.0758

■ 43.8915, 30.8996,
73.4638

■ 80.8773, 92.2535,
83.3569

■ 40.2666, 25.5385,
72.6200

■ 83.1062, 94.3892,
83.6517

37.2607, 21.3553,
71.9710

84.7136, 95.2179,
83.7269

34.8232, 18.2499,
71.5001

86.3645, 96.0689,
83.8042

32.8955, 16.1052,
71.1877

88.0592, 96.9426,
83.8835

31.4029, 14.7727,
71.0092

89.7979, 97.8389,
83.9648

30.9497, 14.4165,
70.9643

90.3194, 98.1078,
83.9892

Harmonies

Analogous

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



55.0143, 54.8926, 86.0382



58.9025, 54.8926, 77.3029



61.0283, 54.8926, 64.5453

Triad

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



58.9025, 54.8926, 77.3029



53.8160, 54.8926, 38.8035



44.5002, 54.8926, 68.1220

Complementary

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



58.9025, 54.8926, 77.3029



57.5008, 67.7913, 56.5115

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.



44.2200, 54.8926, 55.2338



58.9025, 54.8926, 77.3029



49.4327, 54.8926, 39.4778

Square

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



58.9025, 54.8926, 77.3029



57.9825, 54.8926, 43.1143



45.9780, 54.8926, 45.1093



46.7666, 54.8926, 80.2393

Rectangle

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



58.9025, 54.8926, 77.3029



61.0833, 54.8926, 56.0006



45.9780, 54.8926, 45.1093



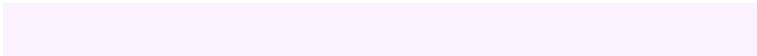
44.1757, 54.8926, 63.7021

Sweetspot

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



58.9042, 54.8950, 77.3041



90.1096, 91.6140, 107.5417



52.8667, 54.3603, 77.5191



19.1434, 19.3662, 22.9790



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.



58.9042, 54.8950, 77.3041



76.9415, 69.6339, 103.9932



59.9410, 55.5877, 70.2014



13.9898, 13.7783, 17.3098



18.2969, 8.5277, 41.7300



1.3412, 0.6287, 2.8959

Inverse Universe

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



57.7299, 54.7033, 58.5578



75.1022, 69.3535, 73.7369



56.6583, 67.2235, 62.5050



13.8279, 13.7488, 14.8641



18.2438, 9.3645, 2.6836



1.2977, 0.6623, 0.3604

Previews

White Background



This preview shows how the XYZ color 58.9025, 54.8926, 77.3029 looks on a white background.

Color Contrast Check

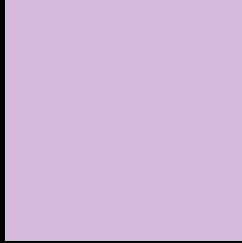
Large Text (above 18pt) WCAG AA × Fail

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 58.9025, 54.8926, 77.3029 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 58.9025, 54.8926, 77.3029

Background



This preview shows how black text looks on a background with the XYZ color 58.9025, 54.8926, 77.3029.



This preview shows how white text looks on a background with the XYZ color 58.9025, 54.8926,

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

58.9025, 54.8926, 77.3029

Protanopia

54.2816, 55.0038, 81.1546

Deuteranopia

56.1727, 55.0921, 76.7805



Tritanopia

56.2481, 54.7519, 64.7303

Trichromacy



Original Color

58.9025, 54.8926, 77.3029

Protanomaly

55.6470, 54.7584, 79.5880

Deuteranomaly

57.1145, 54.9345, 76.7004

Tritanomaly

57.1817, 54.8157, 69.1947

Monochromacy



Original Color

58.9025, 54.8926, 77.3029

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8538, 56.1168, 67.5623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9025, 54.8926, 77.3029 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, 186, 223)` looks like.

```
.text, #text, p{  
    color:rgb(215, 186, 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(215, 186, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 186, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.9025, 54.8926, 77.3029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

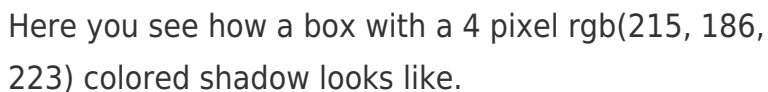
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 186, 223) }
```


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

```
.border{ border-color:rgb(215, 186, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 186, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 186, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 186, 223);  
box-shadow:4px 4px 4px 4px rgb(215, 186,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9025, 54.8926, 77.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 186, 223) }
```

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

```
.background{ background-color: rgb(215,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor