

Converting Colors

XYZ(59.3146, 54.2489, 79.5025)

Have a look what the booklet for
XYZ(59.3146, 54.2489, 79.5025)
contains.

XYZ(59.2762, 54.1097, 79.2715)	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(59.2762, 54.1097,
79.2715)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B7E2
RGB	217, 183, 226
RGB Percent	85%, 72%, 89%
CMY	0.1490, 0.2823, 0.1137
CMYK	0.04, 0.19, 0.00, 0.11
HSL	287°, 43%, 80%
HSV	287°, 19%, 89%
XYZ	59.2762, 54.1097, 79.2715
YIQ	198.0680, 6.4610, 20.5810

Conversions

Conversions Part 2

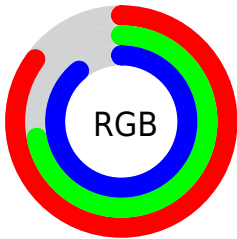
Format	Color
R _{YB}	217, 183, 226
Decimal	14268386
CIE Lab	78.53, 19.75, -16.95
CIE LCh	79, 26.022, 319.367
Yxy	54.1097, 0.3077, 0.2809
Android (android.graphics.Color)	4292458466 (0xFFD9B7E2)
YUV	198.0680, 13.7705, 16.6034
Hunter-Lab	73.5593, 15.1117, -12.4026

Details

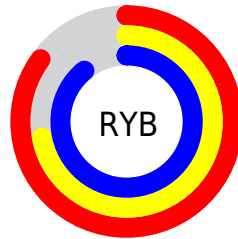
The XYZ color **59.2762, 54.1097, 79.2715** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.4838, 69.0195, 55.0948**, and the grayscale version is **53.6354, 56.4287, 61.4508**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **30.2336, 26.5869, 42.0664** is the 20% darker color. If you saturate the color by 10%, you get **53.5983, 44.8106, 77.7767**, and if you desaturate by 10%, it is **65.7461, 64.9311, 81.0200**.

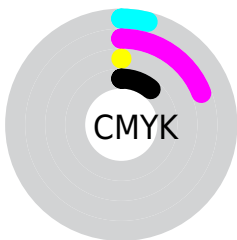
Distribution



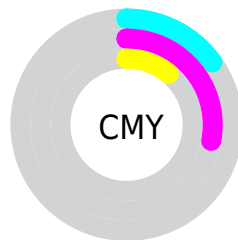
- Red (85%)
- Green (72%)
- Blue (89%)



- Red (85%)
- Yellow (72%)
- Blue (89%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2762, 54.1097, 79.2715 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 59.2762, 54.1097, 79.2715 by changing the saturation by 10% instead.

■ 59.2762, 54.1097,
79.2715

■ 59.2762, 54.1097,
79.2715

411.8023,
402.5282, 512.1162

■ 43.0827, 38.6894,
58.5964

■ 102.8913, 96.2353,
134.1431

■ 30.1448, 26.5182,
41.8705

131.0437,
123.7094, 169.1768

■ 20.0972, 17.2117,
28.6751

163.9130,
155.9701, 209.8337

■ 12.5744, 10.3855,
18.5917

201.8647,
193.4020, 256.5324

■ 7.2111, 5.6553,
11.2018

245.2642,
236.3893, 309.6915

■ 3.6420, 2.6366,
6.0869

294.4767,

■ 1.5016, 0.9451,

285.3165, 369.7295

2.8283

349.8676,
340.5680, 437.0648

■ 0.3270, 0.0000,
1.0077

■ 0.0000, 0.0000,
0.0000

■ 59.2762, 54.1097,
79.2715

■ 59.2762, 54.1097,
79.2715

■ 53.5983, 44.8106,
77.7767

■ 65.7461, 64.9311,
81.0200

■ 48.6715, 36.9554,
76.5201


■ 73.0368, 77.3344,
83.0299


■ 44.4586, 30.4691,
75.4902


■ 81.1813, 91.3849,
85.3126


■ 40.9170, 25.2671,
74.6728


■ 84.0543, 94.8308,
85.8263


 37.9995, 21.2553,
74.0522


 85.6452, 95.6510,
85.9008


 35.6522, 18.3267,
73.6106


 87.2780, 96.4927,
85.9772


 33.8115, 16.3545,
73.3270

 88.9531, 97.3563,
86.0556

 32.3784, 15.1414,
73.1683

 90.6707, 98.2417,
86.1360

 32.2479, 15.0386,
73.1554

 90.7276, 98.2710,
86.1386

Harmonies

Analogous

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



54.7671, 54.1097, 89.7526



59.2762, 54.1097, 79.2715



61.7352, 54.1097, 64.2785

Triad

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



59.2762, 54.1097, 79.2715



53.2694, 54.1097, 35.3045



42.6821, 54.1097, 68.7793

Complementary

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



59.2762, 54.1097, 79.2715



57.4838, 69.0195, 55.0948

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.



42.3400, 54.1097, 53.8608



59.2762, 54.1097, 79.2715



48.2306, 54.1097, 36.1010

Square

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



59.2762, 54.1097, 79.2715



58.1173, 54.1097, 39.9895



44.3080, 54.1097, 42.3829



45.2757, 54.1097, 83.0334

Rectangle

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



59.2762, 54.1097, 79.2715



61.7779, 54.1097, 54.4413



44.3080, 54.1097, 42.3829



42.3068, 54.1097, 63.6299

Sweetspot

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



59.2778, 54.1120, 79.2727



89.1934, 90.0213, 107.2826



52.1774, 53.3993, 79.5093



18.9598, 19.0458, 22.9269



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.



59.2778, 54.1120, 79.2727



74.7359, 65.8635, 103.3817



60.4134, 54.8838, 70.9066



13.9995, 13.7833, 17.3103



18.4993, 8.6320, 41.7395



1.3536, 0.6351, 2.8965

Inverse Universe

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



57.8138, 53.8439, 57.2176



72.5213, 65.4829, 68.8964



56.5978, 68.4098, 61.9622



13.8240, 13.7472, 14.8435



18.2244, 9.3568, 2.5817



1.2958, 0.6616, 0.3506

Previews

White Background



This preview shows how the XYZ color 59.2762, 54.1097, 79.2715 looks on a white background.

Color Contrast Check

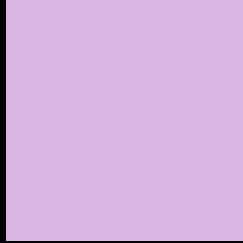
Large Text (above 18pt) WCAG AA × Fail

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 59.2762, 54.1097, 79.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

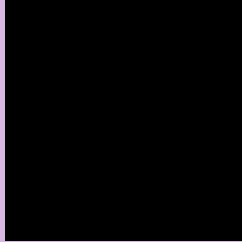
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2762, 54.1097, 79.2715

Background



This preview shows how black text looks on a background with the XYZ color 59.2762, 54.1097, 79.2715.



This preview shows how white text looks on a background with the XYZ color 59.2762, 54.1097,

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

59.2762, 54.1097, 79.2715

Protanopia

54.0276, 54.4622, 84.7555

Deuteranopia

55.5573, 54.4053, 78.8072



Tritanopia

55.8716, 53.9510, 63.3460

Trichromacy



Original Color

59.2762, 54.1097, 79.2715

Protanomaly

55.5065, 53.9787, 82.3563

Deuteranomaly

56.8145, 54.0987, 78.6818

Tritanomaly

57.0483, 54.1171, 69.0669

Monochromacy



Original Color

59.2762, 54.1097, 79.2715

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.6320, 55.6731, 67.4884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2762, 54.1097, 79.2715 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(217, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(217, 183, 226)  
}
```

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(217, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 183, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.2762, 54.1097, 79.2715 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(217, 183, 226) }
```


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

```
.border{ border-color:rgb(217, 183, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 183, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(217, 183,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2762, 54.1097, 79.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 183, 226) }
```

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

```
.background{ background-color: rgb(217,  
183, 226) }
```

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