

Converting Colors

XYZ(59.1753, 54.7618, 76.2212)

Have a look what the booklet for
XYZ(59.1753, 54.7618, 76.2212)
contains.

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Color

**XYZ(59.1490, 54.7236,
76.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B9DE
RGB	217, 185, 222
RGB Percent	85%, 73%, 87%
CMY	0.1490, 0.2745, 0.1294
CMYK	0.02, 0.17, 0.00, 0.13
HSL	292°, 36%, 80%
HSV	292°, 17%, 87%
XYZ	59.1490, 54.7236, 76.5525
YIQ	198.7860, 7.1950, 18.2910

Conversions

Conversions Part 2

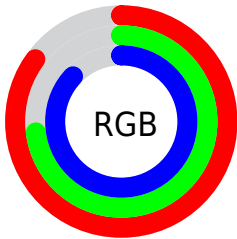
Format	Color
RYB	217, 185, 222
Decimal	14268894
CIELab	78.88, 17.91, -14.25
CIELCh	79, 22.886, 321.487
Yxy	54.7236, 0.3106, 0.2874
Android (android.graphics.Color)	4292458974 (0xFFD9B9DE)
YUV	198.7860, 11.4445, 15.9737
Hunter-Lab	73.9754, 13.2675, -9.5727

Details

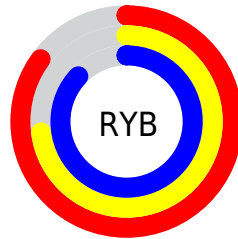
The XYZ color **59.1490, 54.7236, 76.5525** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.1156, 66.6940, 55.8174**, and the grayscale version is **54.0860, 56.9026, 61.9670**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **30.1266, 26.9739, 40.1779** is the 20% darker color. If you saturate the color by 10%, you get **53.9794, 45.6955, 75.0832**, and if you desaturate by 10%, it is **65.0632, 65.2150, 78.2667**.

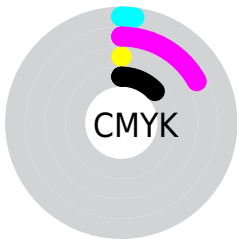
Distribution



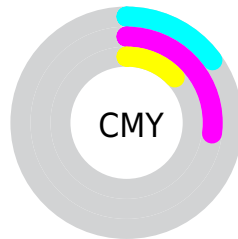
- Red (85%)
- Green (73%)
- Blue (87%)



- Red (85%)
- Yellow (73%)
- Blue (87%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1490, 54.7236, 76.5525 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 59.1490, 54.7236, 76.5525 by changing the saturation by 10% instead.

■ 59.1490, 54.7236,
76.5525

■ 59.1490, 54.7236,
76.5525

411.3390,
404.8633, 502.6340

■ 42.9799, 39.1805,
56.3763

■ 102.7076, 97.1359,
130.2748

■ 30.0638, 26.9002,
40.0987

130.8278,
124.7738, 164.6580

■ 20.0353, 17.4982,
27.3011

163.6624,
157.2121, 204.6140

■ 12.5291, 10.5904,
17.5651

201.5768,
194.8352, 250.5613

■ 7.1799, 5.7921,
10.4720

244.9363,
238.0275, 302.9183

■ 3.6222, 2.7191,
5.6033

294.1062,

■ 1.4907, 0.9869,

287.1733, 362.1038

2.5406

349.4520,
342.6572, 428.5362

■ 0.3195, 0.0000,
0.8615

■ 0.0000, 0.0000,
0.0000

■ 59.1490, 54.7236,
76.5525

■ 59.1490, 54.7236,
76.5525

■ 53.9794, 45.6955,
75.0832

■ 65.0632, 65.2150,
78.2667

■ 49.5158, 38.0564,
73.8439

■ 71.7486, 77.2255,
80.2325

■ 45.7237, 31.7363,
72.8239

■ 79.2363, 90.8164,
82.4612

■ 42.5634, 26.6562,
72.0099

■ 81.2589, 93.4524,
82.8634

39.9911, 22.7286,
71.3874

82.2246, 93.9503,
82.9086

37.9572, 19.8546,
70.9398

83.2070, 94.4567,
82.9546

36.4040, 17.9182,
70.6480

84.2061, 94.9717,
83.0013

35.2573, 16.7720,
70.4871

85.2219, 95.4954,
83.0489

34.9227, 16.4802,
70.4485

86.2547, 96.0278,
83.0972

Harmonies

Analogous

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



55.2775, 54.7236, 86.0145



59.1490, 54.7236, 76.5525



61.1355, 54.7236, 63.3639

Triad

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



59.1490, 54.7236, 76.5525



53.3165, 54.7236, 38.1170



44.3039, 54.7236, 69.2219

Complementary

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



59.1490, 54.7236, 76.5525



56.1156, 66.6940, 55.8174

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.



43.8466, 54.7236, 55.9588



59.1490, 54.7236, 76.5525



48.8799, 54.7236, 39.2130

Square

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



59.1490, 54.7236, 76.5525



57.6421, 54.7236, 42.0812



45.4756, 54.7236, 45.3299



46.7631, 54.7236, 81.3721

Rectangle

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



59.1490, 54.7236, 76.5525



61.0479, 54.7236, 54.7422



45.4756, 54.7236, 45.3299



43.9169, 54.7236, 64.7047

Sweetspot

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



59.1506, 54.7260, 76.5537



90.4855, 91.8078, 107.5593



51.7276, 52.6565, 76.5455



19.2350, 19.4134, 22.9833



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.



59.1506, 54.7260, 76.5537



78.3924, 70.3818, 104.0611



58.9897, 54.8359, 67.8310



14.1033, 13.8368, 17.3151



20.8124, 9.8245, 41.8477



1.4937, 0.7073, 2.9030

Inverse Universe

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



56.7694, 53.9478, 56.1390



74.5773, 69.1435, 70.9728



56.3181, 66.6332, 63.2913



13.7823, 13.7305, 14.6237



18.0558, 9.2893, 1.6935



1.2761, 0.6537, 0.2470

Previews

White Background



This preview shows how the XYZ color 59.1490, 54.7236, 76.5525 looks on a white background.

Color Contrast Check

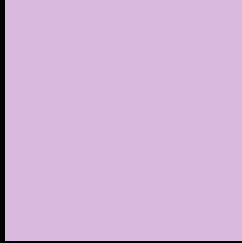
Large Text (above 18pt) WCAG AA × Fail

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 59.1490, 54.7236, 76.5525 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 59.1490, 54.7236, 76.5525

Background



This preview shows how black text looks on a background with the XYZ color 59.1490, 54.7236, 76.5525.



This preview shows how white text looks on a background with the XYZ color 59.1490, 54.7236,

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

59.1490, 54.7236, 76.5525

Protanopia

54.2816, 55.0038, 81.1546

Deuteranopia

55.8217, 54.6039, 76.0041



Tritanopia

56.4943, 54.5744, 64.0563

Trichromacy



Original Color

59.1490, 54.7236, 76.5525

Protanomaly

55.9115, 54.8947, 79.6004

Deuteranomaly

56.7665, 54.4523, 75.9250

Tritanomaly

57.4275, 54.6409, 68.4928

Monochromacy



Original Color

59.1490, 54.7236, 76.5525

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0079, 56.2104, 66.9292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1490, 54.7236, 76.5525 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, 185, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 185, 222)  
}
```

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, 185, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 185, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.1490, 54.7236, 76.5525 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, 185, 222) }
```


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

```
.border{ border-color:rgb(217, 185, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 185, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 185, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 185, 222); box-shadow:4px 4px 4px 4px rgb(217, 185, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1490, 54.7236, 76.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 185, 222) }
```

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

```
.background{ background-color: rgb(217,  
185, 222) }
```

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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