

Converting Colors

XYZ(59.1443, 54.9284, 70.2557)

Have a look what the booklet for
XYZ(59.1443, 54.9284, 70.2557)
contains.

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Color

**XYZ(59.1780, 54.8742,
70.4235)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB9D5
RGB	221, 185, 213
RGB Percent	87%, 73%, 84%
CMY	0.1333, 0.2745, 0.1647
CMYK	0.00, 0.16, 0.04, 0.13
HSL	313°, 35%, 80%
HSV	313°, 16%, 87%
XYZ	59.1780, 54.8742, 70.4235
YIQ	198.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

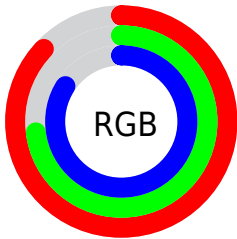
Format	Color
R_{YB}	221, 185, 213
Decimal	14531029
CIE Lab	78.97, 17.60, -9.22
CIE LCh	79, 19.872, 332.349
Yxy	54.8742, 0.3208, 0.2975
Android (android.graphics.Color)	4292721109 (0xFFDDB9D5)
YUV	198.9560, 6.9237, 19.3326
Hunter-Lab	74.0771, 12.9634, -4.5117

Details

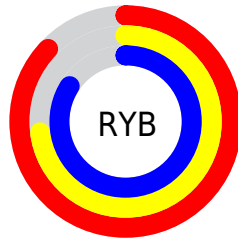
The XYZ color **59.1780, 54.8742, 70.4235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.4919, 65.8790, 60.2464**, and the grayscale version is **54.2142, 57.0376, 62.1139**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **30.1487, 27.0781, 35.9853** is the 20% darker color. If you saturate the color by 10%, you get **54.2957, 46.0915, 65.7670**, and if you desaturate by 10%, it is **64.8010, 65.1064, 75.4213**.

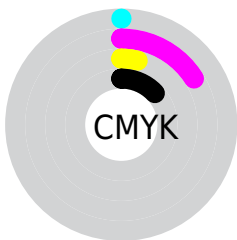
Distribution



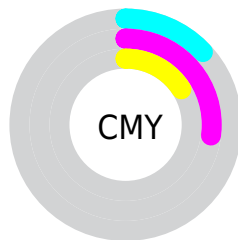
- Red (87%)
- Green (73%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1780, 54.8742, 70.4235 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 59.1780, 54.8742, 70.4235 by changing the saturation by 10% instead.

■ 59.1780, 54.8742,
70.4235

■ 59.1780, 54.8742,
70.4235

411.4447,
405.4349, 480.8648

■ 43.0033, 39.3010,
51.3929

■ 102.7495, 97.3566,
121.4993

■ 30.0823, 26.9940,
36.1425

130.8770,
125.0346, 154.3816

■ 20.0494, 17.5687,
24.2537

163.7195,
157.5164, 192.7182

■ 12.5395, 10.6408,
15.3080

201.6424,
195.1862, 236.9276

■ 7.1870, 5.8258,
8.8868

245.0110,
238.4286, 287.4285

■ 3.6267, 2.7395,
4.5716

294.1907,

■ 1.4932, 0.9973,

287.6279, 344.6393

1.9439

349.5468,
343.1686, 408.9785

■ 0.3212, 0.0000,
0.5204

■ 0.0000, 0.0000,
0.0000

■ 59.1780, 54.8742,
70.4235

■ 59.1780, 54.8742,
70.4235

■ 54.2957, 46.0915,
65.7670

■ 64.8010, 65.1064,
75.4213

■ 50.1160, 38.6849,
61.4365

■ 71.1910, 76.8430,
80.7682

■ 46.6047, 32.5853,
57.4202

■ 78.3789, 90.1446,
86.4757

■ 43.7226, 27.7149,
53.7045

■ 80.2369, 92.7555,
90.5022

41.4266, 23.9875,
50.2739

80.9472, 93.0396,
94.2424

39.6679, 21.3056,
47.1115

81.6772, 93.3315,
98.0863

38.3894, 19.5556,
44.1972

82.4269, 93.6315,
102.0346

37.5197, 18.5950,
41.5065

83.1967, 93.9394,
106.0881

37.2544, 18.3464,
40.5488

83.6292, 94.1124,
108.3655

Harmonies

Analogous

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



56.3271, 54.8742, 80.0749



59.1780, 54.8742, 70.4235



60.1197, 54.8742, 58.8615

Triad

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



59.1780, 54.8742, 70.4235



51.8456, 54.8742, 40.5424



45.9989, 54.8742, 72.1608

Complementary

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



59.1780, 54.8742, 70.4235



55.4919, 65.8790, 60.2464

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.



44.9291, 54.8742, 60.6447



59.1780, 54.8742, 70.4235



48.1966, 54.8742, 43.1909

Square

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



59.1780, 54.8742, 70.4235



55.7614, 54.8742, 42.4767



45.7132, 54.8742, 50.2111



48.7100, 54.8742, 81.1636

Rectangle

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



59.1780, 54.8742, 70.4235



59.5016, 54.8742, 51.8527



45.7132, 54.8742, 50.2111



45.4418, 54.8742, 68.4081

Sweetspot

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



59.1796, 54.8766, 70.4247



90.6637, 91.9520, 105.2037



52.3438, 51.2324, 75.5375



19.2785, 19.4486, 22.4089



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.



59.1796, 54.8766, 70.4247



79.1112, 70.9571, 94.8481



57.0427, 54.0218, 59.1716



13.4841, 13.2227, 15.8103



21.6856, 10.6753, 23.7882



1.4361, 0.7041, 1.7052

Inverse Universe

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



59.1796, 54.8766, 70.4247



79.1112, 70.9571, 94.8481



57.5987, 66.7217, 71.3410



13.4841, 13.2227, 15.8103



21.6856, 10.6753, 23.7882



1.4361, 0.7041, 1.7052

Previews

White Background



This preview shows how the XYZ color 59.1780, 54.8742, 70.4235 looks on a white background.

Color Contrast Check

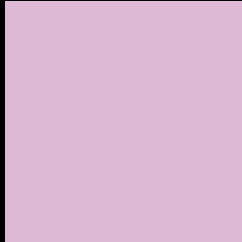
Large Text (above 18pt) WCAG AA × Fail

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 59.1780, 54.8742, 70.4235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

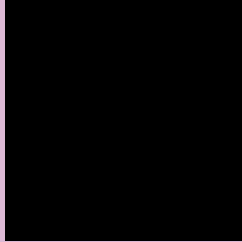
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1780, 54.8742, 70.4235

Background



This preview shows how black text looks on a background with the XYZ color 59.1780, 54.8742, 70.4235.



This preview shows how white text looks on a background with the XYZ color 59.1780, 54.8742,

70.4235.

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

59.1780, 54.8742, 70.4235

Protanopia

53.8162, 54.9045, 74.7790

Deuteranopia

56.0292, 54.8458, 69.9206



Tritanopia

57.6444, 54.8650, 63.4289

Trichromacy



Original Color

59.1780, 54.8742, 70.4235

Protanomaly

55.7838, 54.9679, 73.3154

Deuteranomaly

57.0183, 54.7170, 69.8436

Tritanomaly

58.2147, 54.7897, 65.8997

Monochromacy



Original Color

59.1780, 54.8742, 70.4235

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.9230, 56.2086, 65.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1780, 54.8742, 70.4235 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(221, 185, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 213)  
}
```

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(221, 185, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.1780, 54.8742, 70.4235 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(221, 185, 213) }
```


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

```
.border{ border-color:rgb(221, 185, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1780, 54.8742, 70.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 213) }
```

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

```
.background{ background-color: rgb(221,  
185, 213) }
```

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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