

Converting Colors

XYZ(59.0106, 55.9567, 74.7164)

Have a look what the booklet for
XYZ(59.0106, 55.9567, 74.7164)
contains.

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Color

**XYZ(59.0081, 55.9567,
74.7085)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BDDB
RGB	215, 189, 219
RGB Percent	84%, 74%, 86%
CMY	0.1569, 0.2588, 0.1412
CMYK	0.02, 0.14, 0.00, 0.14
HSL	292°, 29%, 80%
HSV	292°, 14%, 86%
XYZ	59.0081, 55.9567, 74.7085
YIQ	200.1940, 5.8660, 14.8420

Conversions

Conversions Part 2

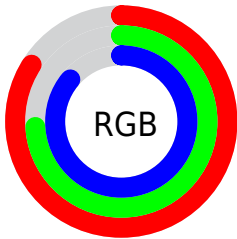
Format	Color
R _Y B	215, 189, 219
Decimal	14138843
CIE Lab	79.59, 14.52, -11.59
CIE LCh	80, 18.579, 321.397
Yxy	55.9567, 0.3111, 0.2950
Android (android.graphics.Color)	4292328923 (0xFFD7BDDDB)
YUV	200.1940, 9.2714, 12.9849
Hunter-Lab	74.8042, 9.8995, -6.8512

Details

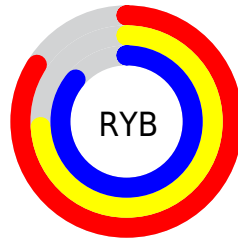
The XYZ color **59.0081, 55.9567, 74.7085** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.5111, 65.6761, 57.8451**, and the grayscale version is **54.9627, 57.8251, 62.9715**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.0022, 27.7622, 38.8993** is the 20% darker color. If you saturate the color by 10%, you get **53.7991, 46.7995, 73.2164**, and if you desaturate by 10%, it is **64.9470, 66.5492, 76.4409**.

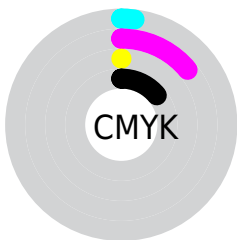
Distribution



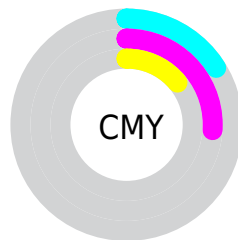
- Red (84%)
- Green (74%)
- Blue (86%)



- Red (84%)
- Yellow (74%)
- Blue (86%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0081, 55.9567, 74.7085 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 59.0081, 55.9567, 74.7085 by changing the saturation by 10% instead.

■ 59.0081, 55.9567,
74.7085

■ 59.0081, 55.9567,
74.7085

410.8255,
409.5283, 496.1437

■ 42.8660, 40.1682,
54.8738

■ 102.5040, 98.9413,
127.6429

■ 29.9741, 27.6697,
38.9028

130.5885,
126.9061, 161.5798

■ 19.9669, 18.0768,
26.3769

163.3846,
159.6986, 201.0544

■ 12.4791, 11.0052,
16.8775

201.2576,
197.7030, 246.4854

■ 7.1454, 6.0703,
9.9862

244.5728,
241.3038, 298.2913

■ 3.6003, 2.8879,
5.2843

293.6956,

■ 1.4786, 1.0735,

290.8853, 356.8906

2.3534

348.9914,
346.8320, 422.7019

■ 0.3112, 0.0000,
0.7609

■ 0.0000, 0.0000,
0.0000

■ 59.0081, 55.9567,
74.7085

■ 59.0081, 55.9567,
74.7085

■ 53.7991, 46.7995,
73.2164

■ 64.9470, 66.5492,
76.4409

■ 49.2832, 39.0068,
71.9502

■ 71.6407, 78.6294,
78.4198

■ 45.4277, 32.5125,
70.8999

■ 79.1191, 92.2559,
80.6558

■ 42.1955, 27.2422,
70.0530

■ 80.1247, 92.9138,
80.7298

39.5455, 23.1142,
69.3959

81.0519, 93.3918,
80.7732

37.4316, 20.0362,
68.9132

81.9949, 93.8779,
80.8173

35.8006, 17.9021,
68.5872

82.9536, 94.3721,
80.8622

34.5881, 16.5830,
68.3965

83.9281, 94.8745,
80.9078

33.9716, 16.0359,
68.3234

84.9185, 95.3851,
80.9542

Harmonies

Analogous

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



55.8534, 55.9567, 82.1960



59.0081, 55.9567, 74.7085



60.6207, 55.9567, 64.0618

Triad

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



59.0081, 55.9567, 74.7085



54.2687, 55.9567, 42.7408



46.7638, 55.9567, 68.7579

Complementary

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



59.0081, 55.9567, 74.7085



56.5111, 65.6761, 57.8451

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.



46.3840, 55.9567, 57.8968



59.0081, 55.9567, 74.7085



50.6033, 55.9567, 43.6859

Square

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



59.0081, 55.9567, 74.7085



57.8015, 55.9567, 46.2019



47.7585, 55.9567, 48.9546



48.8214, 55.9567, 78.4899

Rectangle

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



59.0081, 55.9567, 74.7085



60.5542, 55.9567, 56.9458



47.7585, 55.9567, 48.9546



46.4396, 55.9567, 65.0903

Sweetspot

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



59.0098, 55.9591, 74.7097



91.3833, 93.4068, 107.8206



52.9554, 54.2972, 74.7080



19.4164, 19.7357, 23.0360



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.



59.0098, 55.9591, 74.7097



81.4140, 75.6572, 104.9201



58.8595, 56.0364, 67.7130



13.4347, 13.1822, 16.4885



20.2107, 9.5432, 40.5152



1.3577, 0.6432, 2.6270

Inverse Universe

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



57.0386, 55.3080, 58.1240



78.2079, 74.6027, 77.7383



56.6867, 65.6301, 64.0200



13.1264, 13.0796, 13.9267



17.4780, 8.9923, 1.6315



1.1557, 0.5919, 0.2291

Previews

White Background



This preview shows how the XYZ color 59.0081, 55.9567, 74.7085 looks on a white background.

Color Contrast Check

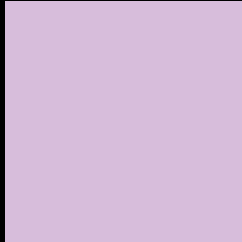
Large Text (above 18pt) WCAG AA × Fail

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 59.0081, 55.9567, 74.7085 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 59.0081, 55.9567, 74.7085

Background



This preview shows how black text looks on a background with the XYZ color 59.0081, 55.9567, 74.7085.



This preview shows how white text looks on a background with the XYZ color 59.0081, 55.9567,

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

59.0081, 55.9567, 74.7085

Protanopia

55.0515, 56.1450, 77.7476

Deuteranopia

57.2367, 56.0266, 74.1272



Tritanopia

57.2120, 55.8640, 66.1599

Trichromacy



Original Color

59.0081, 55.9567, 74.7085

Protanomaly

56.3422, 55.8314, 76.9142

Deuteranomaly

57.8640, 56.0252, 74.0938

Tritanomaly

57.9029, 55.8262, 69.3517

Monochromacy



Original Color

59.0081, 55.9567, 74.7085

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.1793, 56.9640, 67.0657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0081, 55.9567, 74.7085 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, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(215, 189, 219)  
}
```

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, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 189, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.0081, 55.9567, 74.7085 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, 189, 219) }
```


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

```
.border{ border-color:rgb(215, 189, 219) }
```

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

Here you see how a box with a 4 pixel rgb(215, 189, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(215, 189,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0081, 55.9567, 74.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 189, 219) }
```

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

```
.background{ background-color: rgb(215,  
189, 219) }
```

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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