

# Converting Colors

XYZ(59.3665, 54.4796, 73.7779)

Have a look what the booklet for  
XYZ(59.3665, 54.4796, 73.7779)  
contains.

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# Color

**XYZ(59.3106, 54.5586,  
73.7345)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCB8DA
RGB	220, 184, 218
RGB Percent	86%, 72%, 85%
CMY	0.1372, 0.2784, 0.1451
CMYK	0.00, 0.16, 0.01, 0.14
HSL	303°, 34%, 79%
HSV	303°, 16%, 86%
XYZ	59.3106, 54.5586, 73.7345
YIQ	198.6400, 10.5420, 18.2060

# Conversions

## Conversions Part 2

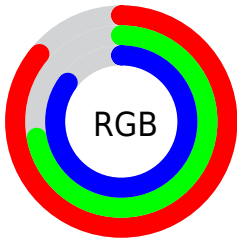
Format	Color
R <sub>Y</sub> B	220, 184, 218
Decimal	14465242
CIE Lab	78.79, 18.71, -12.21
CIE LCh	79, 22.337, 326.877
Yxy	54.5586, 0.3161, 0.2908
Android (android.graphics.Color)	4292655322 (0xFFDCB8DA)
YUV	198.6400, 9.5445, 18.7327
Hunter-Lab	73.8638, 14.0690, -7.4816

# Details

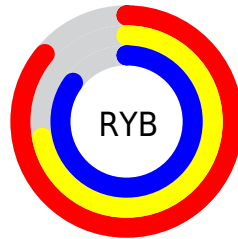
The XYZ color **59.3106, 54.5586, 73.7345** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.2255, 64.9235, 56.1309**, and the grayscale version is **54.0067, 56.8192, 61.8761**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **30.2442, 26.8763, 38.2439** is the 20% darker color. If you saturate the color by 10%, you get **54.9324, 46.0565, 71.4893**, and if you desaturate by 10%, it is **64.4039, 64.4873, 76.2252**.

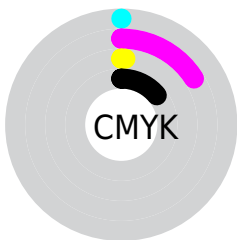
# Distribution



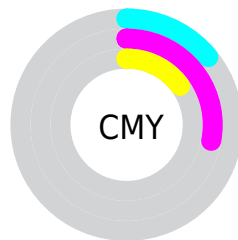
- Red (86%)
- Green (72%)
- Blue (85%)



- Red (86%)
- Yellow (72%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3106, 54.5586, 73.7345 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 59.3106, 54.5586, 73.7345 by changing the saturation by 10% instead.



■ 59.3106, 54.5586,  
73.7345

■ 59.3106, 54.5586,  
73.7345

411.9276,  
404.2366, 492.6954

■ 43.1105, 39.0484,  
54.0813

■ 102.9410, 96.8939,  
126.2499

■ 30.1667, 26.7974,  
38.2730

131.1020,  
124.4879, 159.9492

■ 20.1139, 17.4211,  
25.8912

163.9808,  
156.8786, 199.1677

■ 12.5866, 10.5352,  
16.5172

201.9426,  
194.4504, 244.3237

■ 7.2195, 5.7552,  
9.7326

245.3528,  
237.5877, 295.8360

■ 3.6473, 2.6968,  
5.1187

294.5768,

■ 1.5046, 0.9756,

286.6749, 354.1230

2.2571

349.9800,  
342.0964, 419.6033

■ 0.3290, 0.0000,  
0.7071

■ 0.0000, 0.0000,  
0.0000

■ 59.3106, 54.5586,  
73.7345

■ 59.3106, 54.5586,  
73.7345

■ 54.9324, 46.0565,  
71.4893

■ 64.4039, 64.4873,  
76.2252

■ 51.2318, 38.9084,  
69.4751

■ 70.2380, 75.8966,  
78.9680

■ 48.1749, 33.0459,  
67.6812

■ 76.8434, 88.8467,  
81.9738

■ 45.7233, 28.3922,  
66.0950

■ 78.5803, 92.0577,  
83.3626

43.8343, 24.8618,  
64.7020

78.7457, 92.1239,  
84.2334

42.4598, 22.3586,  
63.4863

78.9122, 92.1905,  
85.1105

41.5436, 20.7701,  
62.4291

79.0800, 92.2576,  
85.9939

41.0149, 19.9546,  
61.5068

79.2489, 92.3252,  
86.8836

40.8733, 19.7589,  
61.1896

79.4191, 92.3932,  
87.7796

# Harmonies

## Analogous

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



55.7971, 54.5586, 83.8890



59.3106, 54.5586, 73.7345



60.8210, 54.5586, 60.7421

# Triad

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



59.3106, 54.5586, 73.7345



52.3211, 54.5586, 38.2511



44.6337, 54.5586, 71.1113

# Complementary

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



59.3106, 54.5586, 73.7345



54.2255, 64.9235, 56.1309

# 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.



43.8188, 54.5586, 58.0877



59.3106, 54.5586, 73.7345



48.1056, 54.5586, 40.2189

# Square

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



59.3106, 54.5586, 73.7345



56.6442, 54.5586, 41.2509



45.0543, 54.5586, 47.0639



47.3461, 54.5586, 82.2295



# Rectangle

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



59.3106, 54.5586, 73.7345



60.4285, 54.5586, 52.6103



45.0543, 54.5586, 47.0639



44.1357, 54.5586, 66.7609

# Sweetspot

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



59.3122, 54.5610, 73.7357



91.0027, 92.0876, 106.9892



50.2623, 49.8652, 74.6870



19.3611, 19.4817, 22.8442



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.



59.3122, 54.5610, 73.7357



80.4299, 71.4845, 101.7921



57.1063, 53.6786, 62.1195



13.5815, 13.2617, 16.3234



24.0017, 11.6017, 35.9847



1.5647, 0.7555, 2.3826



# Inverse Universe

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



59.3122, 54.5610, 73.7357



80.4299, 71.4845, 101.7921



56.2374, 65.7283, 66.7258



13.5815, 13.2617, 16.3234



24.0017, 11.6017, 35.9847

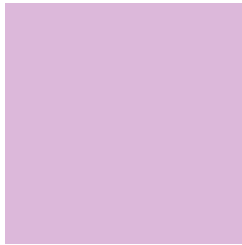


1.5647, 0.7555, 2.3826



# Previews

## White Background



This preview shows how the XYZ color 59.3106, 54.5586, 73.7345 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

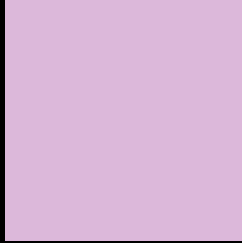
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.3106, 54.5586, 73.7345 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 59.3106, 54.5586, 73.7345**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.3106, 54.5586, 73.7345.



This preview shows how white text looks on a background with the XYZ color 59.3106, 54.5586,



# 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

59.3106, 54.5586, 73.7345

### Protanopia

53.9815, 54.9125, 78.2751

### Deuteranopia

55.8397, 54.6740, 73.2557



## Tritanopia

57.2264, 54.6631, 62.7932

# Trichromacy



## Original Color

59.3106, 54.5586, 73.7345

## Protanomaly

55.6857, 54.5183, 76.6954

## Deuteranomaly

57.0859, 54.6778, 73.1908

## Tritanomaly

58.0348, 54.6829, 66.5276

# Monochromacy



## Original Color

59.3106, 54.5586, 73.7345

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

56.1645, 56.3052, 66.3003

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.3106, 54.5586, 73.7345 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(220, 184, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 184, 218)  
}
```

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(220, 184, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 184, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 59.3106, 54.5586, 73.7345 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".

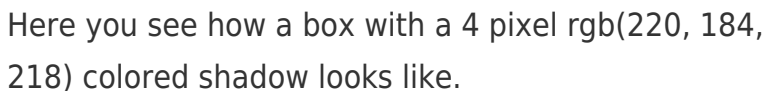
```
.border, #border, table{ border:4px solid rgb(220, 184, 218) }
```



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

```
.border{ border-color:rgb(220, 184, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 184, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 184, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 184, 218);  
box-shadow:4px 4px 4px 4px rgb(220, 184,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.3106, 54.5586, 73.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 184, 218) }
```

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

```
.background{ background-color: rgb(220,  
184, 218) }
```

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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