

# Converting Colors

XYZ(57.1990, 54.1983, 74.6717)

Have a look what the booklet for  
XYZ(57.1990, 54.1983, 74.6717)  
contains.

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# **Color**

**XYZ(57.2091, 54.0812,  
74.4413)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3BADB
RGB	211, 186, 219
RGB Percent	83%, 73%, 86%
CMY	0.1725, 0.2706, 0.1412
CMYK	0.04, 0.15, 0.00, 0.14
HSL	285°, 31%, 79%
HSV	285°, 15%, 86%
XYZ	57.2091, 54.0812, 74.4413
YIQ	197.2370, 4.3070, 15.5630

# Conversions

## Conversions Part 2

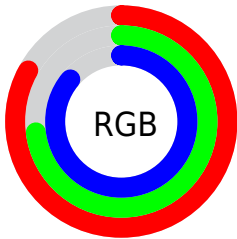
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 186, 219
Decimal	13875931
CIE Lab	78.51, 14.80, -13.24
CIE LCh	79, 19.857, 318.168
Yxy	54.0812, 0.3080, 0.2912
Android (android.graphics.Color)	4292066011 (0xFFD3BADB)
YUV	197.2370, 10.7292, 12.0702
Hunter-Lab	73.5399, 10.1661, -8.5388

# Details

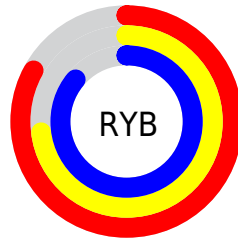
The XYZ color **57.2091, 54.0812, 74.4413** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.4445, 65.6789, 56.1594**, and the grayscale version is **53.1509, 55.9188, 60.8956**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **28.7987, 26.5233, 38.7236** is the 20% darker color. If you saturate the color by 10%, you get **51.4488, 44.7808, 72.9506**, and if you desaturate by 10%, it is **63.7299, 64.8263, 76.1724**.

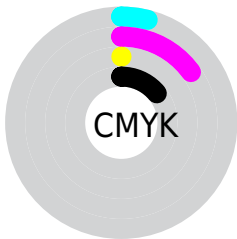
# Distribution



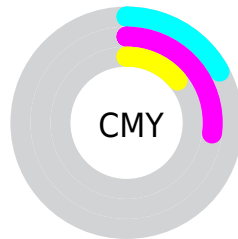
- Red (83%)
- Green (73%)
- Blue (86%)



- Red (83%)
- Yellow (73%)
- Blue (86%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (27%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2091, 54.0812, 74.4413 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 57.2091, 54.0812, 74.4413 by changing the saturation by 10% instead.



■ 57.2091, 54.0812,  
74.4413

■ 57.2091, 54.0812,  
74.4413

404.2339,  
402.4196, 495.1991

■ 41.4139, 38.6666,  
54.6563

■ 99.8998, 96.1935,  
127.2610

■ 28.8318, 26.5004,  
38.7299

127.5261,  
123.6599, 161.1328

■ 19.0972, 17.1984,  
26.2435

159.8268,  
155.9124, 200.5373

■ 11.8450, 10.3760,  
16.7785

197.1672,  
193.3353, 245.8930

■ 6.7097, 5.6490,  
9.9164

239.9128,  
236.3131, 297.6185

■ 3.3259, 2.6328,  
5.2387

288.4289,

■ 1.3284, 0.9432,

285.2302, 356.1324

2.3268

343.0808,  
340.4709, 421.8531

■ 0.2043, 0.0000,  
0.7462

■ 0.0000, 0.0000,  
0.0000

■ 57.2091, 54.0812,  
74.4413

■ 57.2091, 54.0812,  
74.4413

■ 51.4488, 44.7808,  
72.9506

■ 63.7299, 64.8263,  
76.1724

■ 46.4117, 36.8536,  
71.6859

■ 71.0370, 77.0694,  
78.1505

■ 42.0642, 30.2328,  
70.6371

■ 79.1606, 90.8698,  
80.3861

■ 38.3683, 24.8426,  
69.7915

■ 81.9027, 93.8304,  
80.8130

35.2820, 20.5998,  
69.1352

83.6548, 94.7336,  
80.8950

32.7579, 17.4105,  
68.6527

85.4594, 95.6639,  
80.9794

30.7411, 15.1658,  
68.3257

87.3170, 96.6216,  
81.0664

29.1646, 13.7322,  
68.1321

89.2281, 97.6067,  
81.1558

28.4929, 13.2116,  
68.0670

89.7863, 97.8945,  
81.1819

# Harmonies

## Analogous

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



53.7821, 54.0812, 81.7988



57.2091, 54.0812, 74.4413



59.1161, 54.0812, 63.4105

# Triad

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



57.2091, 54.0812, 74.4413



52.9593, 54.0812, 40.2286



44.5863, 54.0812, 65.8557

# Complementary

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



57.2091, 54.0812, 74.4413



56.4445, 65.6789, 56.1594

# 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.



44.3910, 54.0812, 54.5805



57.2091, 54.0812, 74.4413



49.0943, 54.0812, 40.7081

# Square

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



57.2091, 54.0812, 74.4413



56.5805, 54.0812, 44.2576



46.0028, 54.0812, 45.6630



46.5505, 54.0812, 76.4256



# Rectangle

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



57.2091, 54.0812, 74.4413



59.2077, 54.0812, 55.8795



46.0028, 54.0812, 45.6630



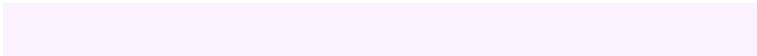
44.3154, 54.0812, 61.9969

# Sweetspot

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



57.2107, 54.0835, 74.4425



89.9885, 91.5516, 107.5361



52.3856, 54.2509, 74.7291



19.1139, 19.3510, 22.9777



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.



57.2107, 54.0835, 74.4425



78.1389, 72.0803, 104.4023



58.5005, 54.8708, 68.9730



13.2899, 13.1076, 16.4817



16.9978, 7.8869, 40.3648



1.1766, 0.5498, 2.6186



# Inverse Universe

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



56.5118, 54.0753, 58.5006



77.0135, 72.0894, 77.7240



55.3489, 65.0098, 60.8195



13.1848, 13.1030, 14.2345



17.7408, 9.0973, 3.0150



1.1834, 0.6030, 0.3745



# Previews

## White Background



This preview shows how the XYZ color 57.2091, 54.0812, 74.4413 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

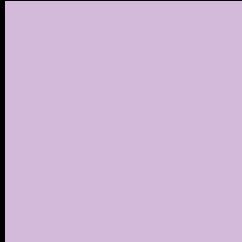
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.2091, 54.0812, 74.4413 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

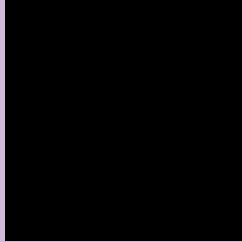
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 57.2091, 54.0812, 74.4413**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.2091, 54.0812, 74.4413.



This preview shows how white text looks on a background with the XYZ color 57.2091, 54.0812,



# 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

57.2091, 54.0812, 74.4413

### Protanopia

53.3755, 54.2865, 77.4772

### Deuteranopia

55.2096, 54.0137, 73.8455



## Tritanopia

55.2716, 54.2623, 64.0605

# Trichromacy



## Original Color

57.2091, 54.0812, 74.4413

## Protanomaly

54.6242, 53.9712, 76.6457

## Deuteranomaly

55.8149, 54.0075, 73.8124

## Tritanomaly

56.0702, 54.2715, 67.8418

# Monochromacy



## Original Color

57.2091, 54.0812, 74.4413

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

54.4465, 55.1043, 65.5242

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.2091, 54.0812, 74.4413 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(211, 186, 219) looks like.

```
.text, #text, p{  
    color:rgb(211, 186, 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(211, 186, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 186, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 57.2091, 54.0812, 74.4413 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(211, 186, 219) }
```



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

```
.border{ border-color:rgb(211, 186, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 186, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 186, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 186, 219);  
box-shadow:4px 4px 4px 4px rgb(211, 186,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.2091, 54.0812, 74.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 186, 219) }
```

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

```
.background{ background-color: rgb(211,  
186, 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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