

# Converting Colors

XYZ(59.5288, 57.6239, 74.4097)

Have a look what the booklet for  
XYZ(59.5288, 57.6239, 74.4097)  
contains.

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# Color

**XYZ(59.4564, 57.4980,  
74.2942)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6C1DA
RGB	214, 193, 218
RGB Percent	84%, 76%, 85%
CMY	0.1608, 0.2431, 0.1451
CMYK	0.02, 0.11, 0.00, 0.15
HSL	290°, 25%, 81%
HSV	290°, 11%, 85%
XYZ	59.4564, 57.4980, 74.2942
YIQ	202.1290, 4.4910, 12.2270

# Conversions

## Conversions Part 2

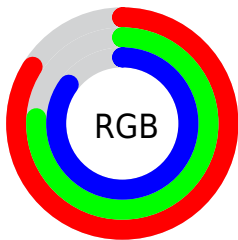
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 193, 218
Decimal	14074330
CIE <sub>Lab</sub>	80.46, 11.85, -9.77
CIE <sub>LCh</sub>	80, 15.354, 320.503
Yxy	57.4980, 0.3109, 0.3006
Android (android.graphics.Color)	4292264410 (0xFFD6C1DA)
YUV	202.1290, 7.8244, 10.4109
Hunter-Lab	75.8274, 7.2641, -5.0119

# Details

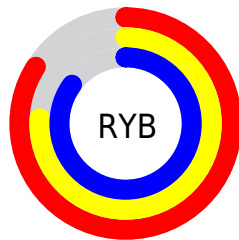
The XYZ color **59.4564, 57.4980, 74.2942** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7251, 65.8649, 60.1257**, and the grayscale version is **56.1717, 59.0970, 64.3566**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **30.1416, 28.4805, 38.5590** is the 20% darker color. If you saturate the color by 10%, you get **53.9814, 48.0423, 72.7585**, and if you desaturate by 10%, it is **65.6670, 68.3905, 76.0702**.

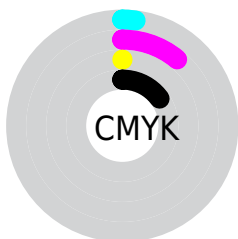
# Distribution



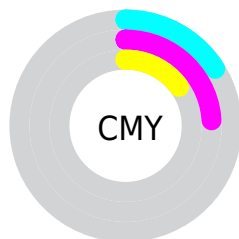
- Red (84%)
- Green (76%)
- Blue (85%)



- Red (84%)
- Yellow (76%)
- Blue (85%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4564, 57.4980, 74.2942 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 59.4564, 57.4980, 74.2942 by changing the saturation by 10% instead.



■ 59.4564, 57.4980,  
74.2942

■ 59.4564, 57.4980,  
74.2942

412.4581,  
415.3128, 494.6787

■ 43.2284, 41.4052,  
54.5366

■ 103.1515,  
101.1915, 127.0507

■ 30.2597, 28.6358,  
38.6348

131.3494,  
129.5609, 160.8866

■ 20.1848, 18.8055,  
26.1701

164.2679,  
162.7914, 200.2525

■ 12.6385, 11.5298,  
16.7240

202.2725,  
201.2673, 245.5667

■ 7.2554, 6.4244,  
9.8780

245.7284,  
245.3730, 297.2479

■ 3.6701, 3.1048,  
5.2136

295.0011,

■ 1.5172, 1.1867,

295.4928, 355.7146

2.3122

350.4559,  
352.0113, 421.3854

■ 0.3375, 0.0508,  
0.7380

■ 0.0000, 0.0000,  
0.0000

■ 59.4564, 57.4980,  
74.2942

■ 59.4564, 57.4980,  
74.2942

■ 53.9814, 48.0423,  
72.7585

■ 65.6670, 68.3905,  
76.0702

■ 49.2057, 39.9542,  
71.4490

■ 72.6372, 80.7707,  
78.0924

■ 45.0978, 33.1694,  
70.3559

■ 79.3003, 92.5039,  
80.0060

■ 41.6213, 27.6158,  
69.4672

■ 80.3956, 93.0686,  
80.0573

■ 38.7366, 23.2143,  
68.7697

■ 81.5132, 93.6448,  
80.1096

■ 36.3994, 19.8764,  
68.2486

■ 82.6533, 94.2325,  
80.1629

■ 34.5589, 17.5006,  
67.8870

■ 83.8160, 94.8319,  
80.2173

■ 33.1541, 15.9655,  
67.6648

■ 85.0014, 95.4430,  
80.2728

■ 32.2117, 15.1438,  
67.5558

■ 86.2096, 96.0658,  
80.3294

# Harmonies

## Analogous

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



56.7982, 57.4980, 80.2912



59.4564, 57.4980, 74.2942



60.8416, 57.4980, 65.5103

# Triad

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



59.4564, 57.4980, 74.2942



55.6552, 57.4980, 47.0139



49.1732, 57.4980, 68.8772

# Complementary

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



59.4564, 57.4980, 74.2942



57.7251, 65.8649, 60.1257

# 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.



48.8936, 57.4980, 59.7880



59.4564, 57.4980, 74.2942



52.5569, 57.4980, 47.7286

# Square

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



59.4564, 57.4980, 74.2942



58.5921, 57.4980, 50.1562



50.1101, 57.4980, 52.2120



50.8891, 57.4980, 76.9613



# Rectangle

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



59.4564, 57.4980, 74.2942



60.8218, 57.4980, 59.4977



50.1101, 57.4980, 52.2120



48.9107, 57.4980, 65.8197

# Sweetspot

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



59.4581, 57.5005, 74.2954



92.2090, 94.9844, 108.0816



54.6537, 56.4103, 74.3382



19.5776, 20.0507, 23.0883



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.



59.4581, 57.5005, 74.2954



82.6294, 78.2323, 105.3531



59.5765, 57.6844, 68.7510



13.3991, 13.1639, 16.4868



19.3742, 9.1120, 40.4760



1.3111, 0.6192, 2.6249



# Inverse Universe

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



58.0634, 57.0791, 60.7832



80.2422, 77.5166, 81.9760



57.6476, 65.7145, 65.1122



13.1406, 13.0853, 14.0016



17.5287, 9.0125, 1.8985



1.1625, 0.5946, 0.2644



# Previews

## White Background



This preview shows how the XYZ color 59.4564, 57.4980, 74.2942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

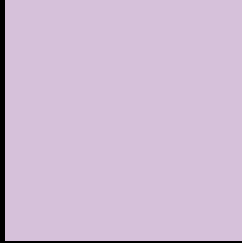
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.4564, 57.4980, 74.2942 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

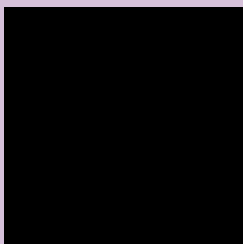
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 59.4564, 57.4980, 74.2942**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.4564, 57.4980, 74.2942.



This preview shows how white text looks on a background with the XYZ color 59.4564, 57.4980,



# 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

59.4564, 57.4980, 74.2942

### Protanopia

56.2712, 57.4789, 76.5353

### Deuteranopia

58.8106, 57.4944, 74.3275



## Tritanopia

58.3652, 57.3829, 68.9726

# Trichromacy



## Original Color

59.4564, 57.4980, 74.2942

## Protanomaly

57.2868, 57.3437, 75.7592

## Deuteranomaly

59.0981, 57.6426, 74.3410

## Tritanomaly

58.7426, 57.5338, 70.9599

# Monochromacy



## Original Color

59.4564, 57.4980, 74.2942

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

57.2622, 58.5227, 67.9525

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.4564, 57.4980, 74.2942 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(214, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(214, 193, 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(214, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 193, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 59.4564, 57.4980, 74.2942 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(214, 193, 218) }
```



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

```
.border{ border-color:rgb(214, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 193, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 193, 218); box-shadow:4px 4px 4px 4px rgb(214, 193, 218) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.4564, 57.4980, 74.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 193, 218) }
```

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

```
.background{ background-color: rgb(214,  
193, 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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