

# Converting Colors

XYZ(59.1299, 57.7733, 71.5475)

Have a look what the booklet for  
XYZ(59.1299, 57.7733, 71.5475)  
contains.

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# Color

**XYZ(59.1609, 57.7348,  
71.6441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6C2D6
RGB	214, 194, 214
RGB Percent	84%, 76%, 84%
CMY	0.1608, 0.2392, 0.1608
CMYK	0.00, 0.09, 0.00, 0.16
HSL	300°, 20%, 80%
HSV	300°, 9%, 84%
XYZ	59.1609, 57.7348, 71.6441
YIQ	202.2600, 5.5000, 10.4600

# Conversions

## Conversions Part 2

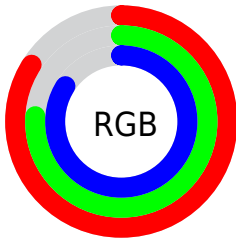
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	214, 194, 214
Decimal	14074582
CIE Lab	80.59, 10.57, -7.42
CIE LCh	81, 12.912, 324.932
Yxy	57.7348, 0.3138, 0.3062
Android (android.graphics.Color)	4292264662 (0xFFD6C2D6)
YUV	202.2600, 5.7878, 10.2960
Hunter-Lab	75.9834, 6.0096, -2.7156

# Details

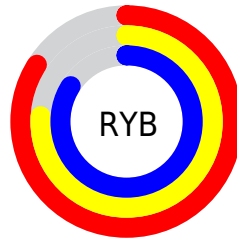
The XYZ color **59.1609, 57.7348, 71.6441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0345, 63.4591, 60.3375**, and the grayscale version is **56.2653, 59.1955, 64.4639**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **29.9342, 28.6303, 36.7494** is the 20% darker color. If you saturate the color by 10%, you get **54.7376, 48.8873, 70.1704**, and if you desaturate by 10%, it is **64.2734, 67.9590, 73.3490**.

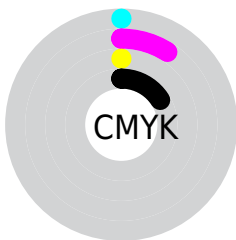
# Distribution



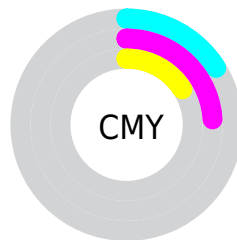
- Red (84%)
- Green (76%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1609, 57.7348, 71.6441 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 59.1609, 57.7348, 71.6441 by changing the saturation by 10% instead.



■ 59.1609, 57.7348,  
71.6441

■ 59.1609, 57.7348,  
71.6441

411.3824,  
416.1970, 485.2461

■ 42.9895, 41.5955,  
52.3829

■ 102.7248,  
101.5366, 123.2534

■ 30.0714, 28.7847,  
36.9261

130.8480,  
129.9678, 156.4386

■ 20.0411, 18.9180,  
24.8549

163.6858,  
163.2651, 195.1023

■ 12.5334, 11.6110,  
15.7510

201.6037,  
201.8130, 239.6629

■ 7.1828, 6.4794,  
9.1957

244.9669,  
245.9957, 290.5391

■ 3.6240, 3.1387,  
4.7705

294.1409,

■ 1.4917, 1.2046,

296.1976, 348.1493

2.0569

349.4909,  
352.8033, 412.9121

■ 0.3202, 0.0654,  
0.5899

■ 0.0000, 0.0000,  
0.0000

■ 59.1609, 57.7348,  
71.6441

■ 59.1609, 57.7348,  
71.6441

■ 54.7376, 48.8873,  
70.1704

■ 64.2734, 67.9590,  
73.3490

■ 50.9692, 41.3506,  
68.9142

■ 70.0976, 79.6072,  
75.2903

■ 47.8263, 35.0648,  
67.8666

■ 75.6297, 90.6714,  
77.1344

■ 45.2749, 29.9621,  
67.0161

■ 75.6297, 90.6715,  
77.1344

43.2781, 25.9685,  
66.3506

75.6297, 90.6715,  
77.1344

41.7947, 23.0017,  
65.8561

75.6298, 90.6715,  
77.1344

40.7778, 20.9680,  
65.5171

75.6298, 90.6715,  
77.1344

40.1720, 19.7564,  
65.3152

75.6298, 90.6715,  
77.1344

39.8847, 19.1818,  
65.2194

75.6298, 90.6715,  
77.1344

# Harmonies

## Analogous

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



57.0557, 57.7348, 77.0767



59.1609, 57.7348, 71.6441



60.1195, 57.7348, 64.1639

# Triad

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



59.1609, 57.7348, 71.6441



55.3274, 57.7348, 49.3945



50.3744, 57.7348, 69.2308

# Complementary

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



59.1609, 57.7348, 71.6441



56.0345, 63.4591, 60.3375

# 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.



49.9451, 57.7348, 61.5806



59.1609, 57.7348, 71.6441



52.7510, 57.7348, 50.5145

# Square

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



59.1609, 57.7348, 71.6441



57.8611, 57.7348, 51.6392



50.8016, 57.7348, 54.8311



51.9938, 57.7348, 75.6065



# Rectangle

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



59.1609, 57.7348, 71.6441



59.9576, 57.7348, 59.1705



50.8016, 57.7348, 54.8311



50.0884, 57.7348, 66.7068

# Sweetspot

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



59.1626, 57.7373, 71.6454



92.6579, 95.2158, 108.1026



53.7544, 55.0595, 71.4135



19.6992, 20.1134, 23.0940



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.



59.1626, 57.7373, 71.6454



86.7454, 83.3908, 106.1318



57.9643, 57.2580, 65.3354



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4174



1.4535, 0.6982, 2.3775



# Inverse Universe

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



56.7630, 56.7775, 59.0094



82.5536, 81.7141, 84.0583



57.1559, 63.9076, 66.2424



12.4233, 12.4208, 12.9034



16.7619, 8.6411, 0.7845

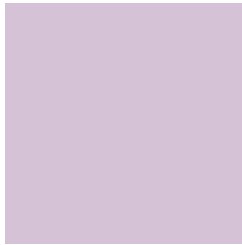


1.0110, 0.5212, 0.0473



# Previews

## White Background



This preview shows how the XYZ color 59.1609, 57.7348, 71.6441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

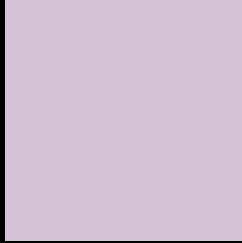
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.1609, 57.7348, 71.6441 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 59.1609, 57.7348, 71.6441

## Background



This preview shows how black text looks on a background with the XYZ color 59.1609, 57.7348, 71.6441.



This preview shows how white text looks on a background with the XYZ color 59.1609, 57.7348,



# 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

59.1609, 57.7348, 71.6441

### Protanopia

56.5010, 57.9987, 73.8626

### Deuteranopia

58.8700, 57.5847, 71.6305



## Tritanopia

58.5885, 57.8295, 69.0470

# Trichromacy



## Original Color

59.1609, 57.7348, 71.6441

## Protanomaly

57.2628, 57.7277, 73.0902

## Deuteranomaly

58.8700, 57.5847, 71.6305

## Tritanomaly

58.7136, 57.8795, 69.7053

# Monochromacy



## Original Color

59.1609, 57.7348, 71.6441

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

57.0176, 58.4249, 66.6645

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.1609, 57.7348, 71.6441 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, 194, 214) looks like.

```
.text, #text, p{  
    color:rgb(214, 194, 214)  
}
```

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, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 194, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 59.1609, 57.7348, 71.6441 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, 194, 214) }
```



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

```
.border{ border-color:rgb(214, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 194,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.1609, 57.7348, 71.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 194, 214) }
```

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

```
.background{ background-color: rgb(214,  
194, 214) }
```

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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