

# Converting Colors

XYZ(59.2256, 59.0947, 71.3936)

Have a look what the booklet for  
XYZ(59.2256, 59.0947, 71.3936)  
contains.

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# Color

**XYZ(59.3557, 59.1893,  
71.2471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4C6D5
RGB	212, 198, 213
RGB Percent	83%, 78%, 84%
CMY	0.1686, 0.2235, 0.1647
CMYK	0.00, 0.07, 0.00, 0.16
HSL	296°, 15%, 81%
HSV	296°, 7%, 84%
XYZ	59.3557, 59.1893, 71.2471
YIQ	203.8960, 3.5290, 7.6330

# Conversions

## Conversions Part 2

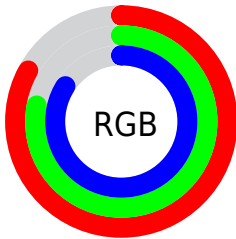
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 198, 213
Decimal	13944533
CIE Lab	81.40, 7.57, -5.71
CIE LCh	81, 9.481, 322.970
Yxy	59.1893, 0.3127, 0.3119
Android (android.graphics.Color)	4292134613 (0xFFD4C6D5)
YUV	203.8960, 4.4883, 7.1072
Hunter-Lab	76.9346, 3.0788, -1.0527

# Details

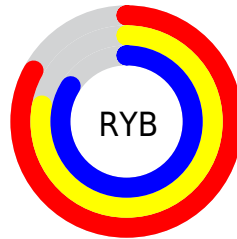
The XYZ color **59.3557, 59.1893, 71.2471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5427, 63.8094, 62.7127**, and the grayscale version is **57.3013, 60.2854, 65.6508**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0494, 29.5832, 36.4741** is the 20% darker color. If you saturate the color by 10%, you get **54.4184, 49.9191, 69.7189**, and if you desaturate by 10%, it is **64.9846, 69.8358, 73.0063**.

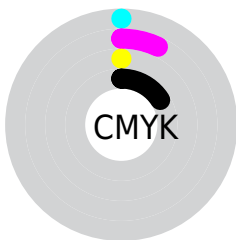
# Distribution



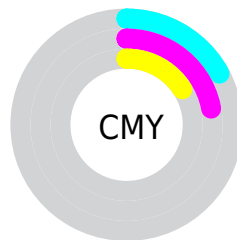
- Red (83%)
- Green (78%)
- Blue (84%)



- Red (83%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (22%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3557, 59.1893, 71.2471 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 59.3557, 59.1893, 71.2471 by changing the saturation by 10% instead.



■ 59.3557, 59.1893,  
71.2471

■ 59.3557, 59.1893,  
71.2471

412.0917,  
421.6031, 483.8237

■ 43.1470, 42.7655,  
52.0608

103.0061,  
103.6527, 122.6832

■ 30.1955, 29.7012,  
36.6710

131.1786,  
132.4612, 155.7702

■ 20.1358, 19.6119,  
24.6591

164.0696,  
166.1667, 194.3277

■ 12.6027, 12.1132,  
15.6065

202.0447,  
205.1535, 238.7744

■ 7.2306, 6.8208,  
9.0948

245.4690,  
249.8062, 289.5288

■ 3.6543, 3.3503,  
4.7054

294.7081,

■ 1.5085, 1.3172,

300.5091, 347.0095

2.0198

350.1272,  
357.6466, 411.6349

■ 0.3316, 0.1545,  
0.5674

■ 0.0000, 0.0000,  
0.0000

■ 59.3557, 59.1893,  
71.2471

■ 59.3557, 59.1893,  
71.2471

■ 54.4184, 49.9191,  
69.7189

■ 64.9846, 69.8358,  
73.0063

■ 50.1393, 41.9606,  
68.4083

■ 71.3269, 81.9044,  
75.0015

■ 46.4896, 35.2556,  
67.3064

■ 76.1668, 90.9631,  
76.4949

■ 43.4364, 29.7386,  
66.4025

■ 76.5889, 91.1807,  
76.5147

40.9441, 25.3378,  
65.6844

77.0147, 91.4001,  
76.5346

38.9729, 21.9741,  
65.1390

77.4441, 91.6215,  
76.5547

37.4780, 19.5577,  
64.7514

77.8772, 91.8448,  
76.5749

36.4070, 17.9836,  
64.5040

78.3139, 92.0699,  
76.5954

35.6903, 17.1132,  
64.3738

78.7543, 92.2969,  
76.6160

# Harmonies

## Analogous

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



57.7583, 59.1893, 75.0291



59.3557, 59.1893, 71.2471



60.1260, 59.1893, 65.7923

# Triad

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



59.3557, 59.1893, 71.2471



56.7254, 59.1893, 54.2089



52.8208, 59.1893, 68.8016

# Complementary

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



59.3557, 59.1893, 71.2471



57.5427, 63.8094, 62.7127

# 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.



52.5589, 59.1893, 63.1203



59.3557, 59.1893, 71.2471



54.7833, 59.1893, 54.9100

# Square

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



59.3557, 59.1893, 71.2471



58.5845, 59.1893, 56.1195



53.2693, 59.1893, 58.0941



53.9933, 59.1893, 73.5603



# Rectangle

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



59.3557, 59.1893, 71.2471



60.0543, 59.1893, 62.0280



53.2693, 59.1893, 58.0941



52.6245, 59.1893, 66.9283

# Sweetspot

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



59.3574, 59.1919, 71.2484



93.3195, 96.7246, 108.3590



55.7825, 57.7747, 71.1633



19.9924, 20.7374, 23.1989



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.



59.3574, 59.1919, 71.2484



88.3853, 87.4108, 106.8213



58.8685, 59.0297, 67.1643



12.8675, 12.5886, 15.6892



21.7255, 10.3524, 39.3063



1.3355, 0.6374, 2.3719

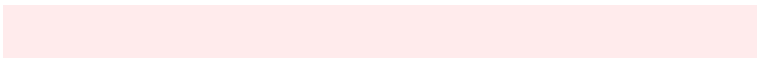


# Inverse Universe

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



57.9455, 58.6605, 62.3043



85.9685, 86.5017, 91.4920



58.0141, 63.9674, 66.5755



12.4565, 12.4341, 13.0782



16.8246, 8.6662, 1.1146

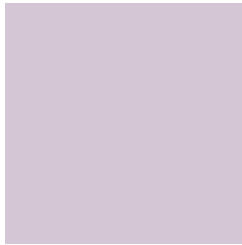


1.0268, 0.5275, 0.1307



# Previews

## White Background



This preview shows how the XYZ color 59.3557, 59.1893, 71.2471 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 59.3557, 59.1893, 71.2471 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

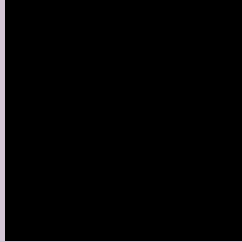
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 59.3557, 59.1893, 71.2471**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.3557, 59.1893, 71.2471.



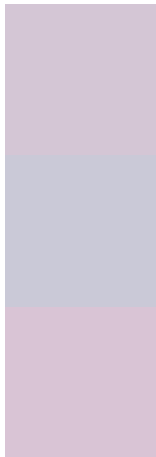
This preview shows how white text looks on a background with the XYZ color 59.3557, 59.1893,



# 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

59.3557, 59.1893, 71.2471

### Protanopia

57.5095, 59.2361, 72.6926

### Deuteranopia

60.3654, 59.0357, 71.1642



## Tritanopia

59.3557, 59.1893, 71.2471

# Trichromacy



## Original Color

59.3557, 59.1893, 71.2471

## Protanomaly

58.2455, 59.2854, 71.9917

## Deuteranomaly

60.0008, 59.1837, 71.2120

## Tritanomaly

59.3557, 59.1893, 71.2471

# Monochromacy



## Original Color

59.3557, 59.1893, 71.2471

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

58.1151, 60.0115, 67.5519

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.3557, 59.1893, 71.2471 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(212, 198, 213) looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 213)  
}
```

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(212, 198, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 59.3557, 59.1893, 71.2471 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(212, 198, 213) }
```



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

```
.border{ border-color:rgb(212, 198, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 198, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 198, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 198, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 198,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.3557, 59.1893, 71.2471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 213) }
```

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

```
.background{ background-color: rgb(212,  
198, 213) }
```

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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