

# Converting Colors

XYZ(60.0008, 59.1837, 71.2120)

Have a look what the booklet for  
XYZ(60.0008, 59.1837, 71.2120)  
contains.

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# Color

**XYZ(60.0008, 59.1837,  
71.2120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C5D5
RGB	215, 197, 213
RGB Percent	84%, 77%, 84%
CMY	0.1569, 0.2274, 0.1647
CMYK	0.00, 0.08, 0.01, 0.16
HSL	307°, 18%, 81%
HSV	307°, 8%, 84%
XYZ	60.0008, 59.1837, 71.2120
YIQ	204.2060, 5.5920, 8.7920

# Conversions

## Conversions Part 2

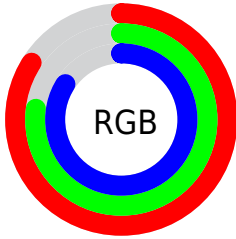
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	215, 197, 213
Decimal	14140885
CIE Lab	81.39, 9.12, -5.69
CIE LCh	81, 10.752, 328.069
Yxy	59.1837, 0.3151, 0.3108
Android (android.graphics.Color)	4292330965 (0xFFD7C5D5)
YUV	204.2060, 4.3354, 9.4663
Hunter-Lab	76.9309, 4.5885, -1.0308

# Details

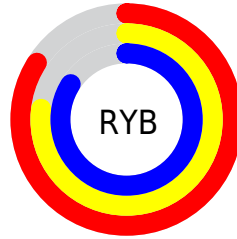
The XYZ color **60.0008, 59.1837, 71.2120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6374, 64.5963, 63.4664**, and the grayscale version is **57.4972, 60.4915, 65.8752**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **30.4912, 29.5871, 36.4516** is the 20% darker color. If you saturate the color by 10%, you get **55.1624, 49.9879, 68.1146**, and if you desaturate by 10%, it is **65.5433, 69.7789, 74.5676**.

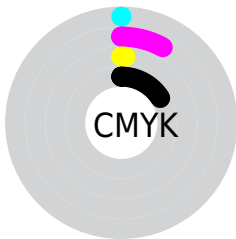
# Distribution



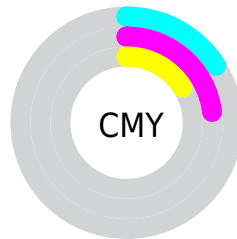
- Red (84%)
- Green (77%)
- Blue (84%)



- Red (84%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0008, 59.1837, 71.2120 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 60.0008, 59.1837, 71.2120 by changing the saturation by 10% instead.



■ 60.0008, 59.1837,  
71.2120

■ 60.0008, 59.1837,  
71.2120

414.4354,  
421.5823, 483.6978

■ 43.6687, 42.7610,  
52.0323

103.9372,  
103.6446, 122.6328

■ 30.6070, 29.6976,  
36.6484

132.2722,  
132.4516, 155.7110

■ 20.4501, 19.6092,  
24.6417

165.3389,  
166.1555, 194.2592

■ 12.8328, 12.1113,  
15.5938

203.5027,  
205.1407, 238.6958

■ 7.3897, 6.8195,  
9.0859

247.1289,  
249.7916, 289.4394

■ 3.7555, 3.3495,  
4.6997

296.5828,

■ 1.5648, 1.3168,

300.4926, 346.9086

2.0165

352.2299,  
357.6280, 411.5219

■ 0.3693, 0.1542,  
0.5654

■ 0.0000, 0.0000,  
0.0000

■ 60.0008, 59.1837,  
71.2120

■ 60.0008, 59.1837,  
71.2120

■ 55.1624, 49.9879,  
68.1146

■ 65.5433, 69.7789,  
74.5676

■ 50.9937, 42.1251,  
65.2616

■ 71.8125, 81.8210,  
78.1869

■ 47.4649, 35.5352,  
62.6438

■ 76.7254, 91.1435,  
81.3763

■ 44.5421, 30.1502,  
60.2497

■ 77.0445, 91.2712,  
83.0568

42.1883, 25.8959,  
58.0670

77.3682, 91.4006,  
84.7612

40.3621, 22.6900,  
56.0817

77.6964, 91.5319,  
86.4896

39.0168, 20.4390,  
54.2783

78.0292, 91.6651,  
88.2422

38.0973, 19.0327,  
52.6381

78.3666, 91.8000,  
90.0189

37.5216, 18.3069,  
51.1338

78.7086, 91.9368,  
91.8200

# Harmonies

## Analogous

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



58.3107, 59.1837, 75.9921



60.0008, 59.1837, 71.2120



60.6835, 59.1837, 64.8589

# Triad

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



60.0008, 59.1837, 71.2120



56.3981, 59.1837, 52.8445



52.5241, 59.1837, 70.4427

# Complementary

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



60.0008, 59.1837, 71.2120



57.6374, 64.5963, 63.4664

# 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.



52.0423, 59.1837, 64.0249



60.0008, 59.1837, 71.2120



54.2430, 59.1837, 54.1241

# Square

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



60.0008, 59.1837, 71.2120



58.5694, 59.1837, 54.4962



52.6633, 59.1837, 58.1134



53.9972, 59.1837, 75.5275



# Rectangle

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



60.0008, 59.1837, 71.2120



60.4622, 59.1837, 60.6774



52.6633, 59.1837, 58.1134



52.2426, 59.1837, 68.3571

# Sweetspot

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



60.0025, 59.1863, 71.2133



92.5213, 95.1612, 107.3834



55.7347, 56.9566, 72.3470



19.6622, 20.0986, 22.8990



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.



60.0025, 59.1863, 71.2133



86.9949, 84.6145, 103.9807



58.9156, 58.7515, 65.4898



12.8908, 12.6078, 15.3652



22.4183, 10.9036, 30.5702



1.3695, 0.6646, 1.9352



# Inverse Universe

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



60.0025, 59.1863, 71.2133



86.9949, 84.6145, 103.9807



58.6890, 65.0169, 69.0036



12.8908, 12.6078, 15.3652



22.4183, 10.9036, 30.5702

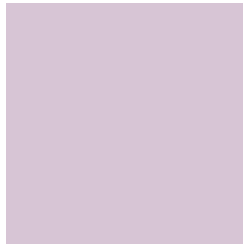


1.3695, 0.6646, 1.9352



# Previews

## White Background



This preview shows how the XYZ color 60.0008, 59.1837, 71.2120 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

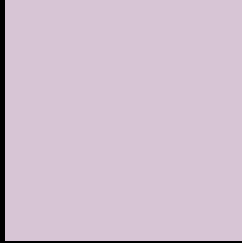
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.0008, 59.1837, 71.2120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

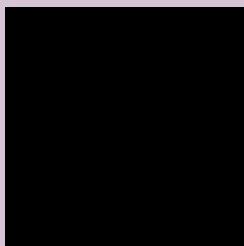
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.0008, 59.1837, 71.2120**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.0008, 59.1837, 71.2120.



This preview shows how white text looks on a background with the XYZ color 60.0008, 59.1837,



# 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

60.0008, 59.1837, 71.2120

### Protanopia

57.5095, 59.2361, 72.6926

### Deuteranopia

60.3654, 59.0357, 71.1642



## Tritanopia

60.0008, 59.1837, 71.2120

# Trichromacy



## Original Color

60.0008, 59.1837, 71.2120

## Protanomaly

58.5240, 59.4290, 72.0047

## Deuteranomaly

60.0691, 58.8829, 71.1503

## Tritanomaly

60.0008, 59.1837, 71.2120

# Monochromacy



## Original Color

60.0008, 59.1837, 71.2120

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

58.1616, 59.6882, 67.4870

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.0008, 59.1837, 71.2120 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(215, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 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(215, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 60.0008, 59.1837, 71.2120 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(215, 197, 213) }
```



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

```
.border{ border-color:rgb(215, 197, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(215, 197,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.0008, 59.1837, 71.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 213) }
```

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

```
.background{ background-color: rgb(215,  
197, 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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