

# Converting Colors

XYZ(59.6770, 58.3323, 71.7323)

Have a look what the booklet for  
XYZ(59.6770, 58.3323, 71.7323)  
contains.

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# Color

**XYZ(59.6770, 58.3323,  
71.7323)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C3D6
RGB	215, 195, 214
RGB Percent	84%, 76%, 84%
CMY	0.1569, 0.2353, 0.1608
CMYK	0.00, 0.09, 0.00, 0.16
HSL	303°, 20%, 80%
HSV	303°, 9%, 84%
XYZ	59.6770, 58.3323, 71.7323
YIQ	203.1460, 5.8210, 10.1490

# Conversions

## Conversions Part 2

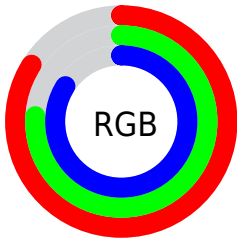
Format	Color
R <sub>Y</sub> B	215, 195, 214
Decimal	14140374
CIE Lab	80.92, 10.37, -6.92
CIE LCh	81, 12.469, 326.306
Yxy	58.3323, 0.3145, 0.3074
Android (android.graphics.Color)	4292330454 (0xFFD7C3D6)
YUV	203.1460, 5.3510, 10.3960
Hunter-Lab	76.3756, 5.8159, -2.2225

# Details

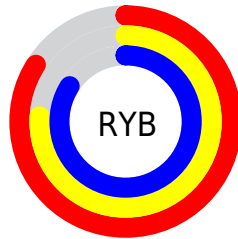
The XYZ color **59.6770, 58.3323, 71.7323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7721, 64.1900, 61.6252**, and the grayscale version is **56.8227, 59.7819, 65.1025**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.2801, 29.0265, 36.8076** is the 20% darker color. If you saturate the color by 10%, you get **55.0661, 49.3287, 69.5208**, and if you desaturate by 10%, it is **64.9858, 68.7285, 74.1823**.

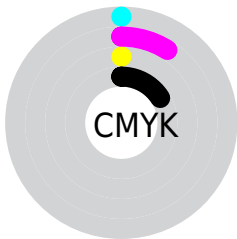
# Distribution



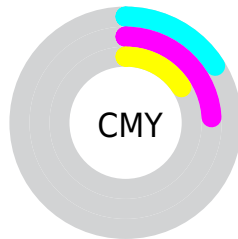
- Red (84%)
- Green (76%)
- Blue (84%)



- 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 59.6770, 58.3323, 71.7323 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 59.6770, 58.3323, 71.7323 by changing the saturation by 10% instead.



■ 59.6770, 58.3323,  
71.7323

■ 59.6770, 58.3323,  
71.7323

413.2600,  
418.4230, 485.5618

■ 43.4068, 42.0759,  
52.4545

□ 103.4700,  
102.4066, 123.3800

■ 30.4003, 29.1607,  
36.9828

131.7235,  
130.9933, 156.5871

■ 20.2922, 19.2024,  
24.8985

164.7021,  
164.4588, 195.2743

■ 12.7171, 11.8166,  
15.7831

202.7713,  
203.1875, 239.8602

■ 7.3097, 6.6189,  
9.2181

246.2963,  
247.5639, 290.7634

■ 3.7046, 3.2250,  
4.7850

295.6425,

■ 1.5364, 1.2503,

297.9724, 348.4023

2.0651

351.1753,  
354.7973, 413.1956

■ 0.3504, 0.1022,  
0.5949

■ 0.0000, 0.0000,  
0.0000

■ 59.6770, 58.3323,  
71.7323

■ 59.6770, 58.3323,  
71.7323

■ 55.0661, 49.3287,  
69.5208

■ 64.9858, 68.7285,  
74.1823

■ 51.1186, 41.6512,  
67.5341

■ 71.0151, 80.5651,  
76.8763

■ 47.8044, 35.2390,  
65.7631

■ 76.3386, 90.9888,  
79.3395

■ 45.0894, 30.0237,  
64.1962

■ 76.4791, 91.0450,  
80.0795

42.9362, 25.9305,  
62.8210

76.6206, 91.1016,  
80.8244

41.3031, 22.8762,  
61.6236

76.7630, 91.1586,  
81.5741

40.1427, 20.7658,  
60.5882

76.9062, 91.2159,  
82.3286

39.3990, 19.4874,  
59.6961

77.0504, 91.2736,  
83.0879

38.9792, 18.8552,  
58.9164

77.1955, 91.3316,  
83.8521

# Harmonies

## Analogous

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



57.6724, 58.3323, 77.1308



59.6770, 58.3323, 71.7323



60.5462, 58.3323, 64.4343

# Triad

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



59.6770, 58.3323, 71.7323



55.7635, 58.3323, 50.3560



51.1108, 58.3323, 70.0255

# Complementary

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



59.6770, 58.3323, 71.7323



56.7721, 64.1900, 61.6252

# 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.



50.6351, 58.3323, 62.6024



59.6770, 58.3323, 71.7323



53.2720, 58.3323, 51.6022

# Square

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



59.6770, 58.3323, 71.7323



58.2430, 58.3323, 52.4038



51.4143, 58.3323, 55.9486



52.7344, 58.3323, 76.0929



# Rectangle

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



59.6770, 58.3323, 71.7323



60.3456, 58.3323, 59.6051



51.4143, 58.3323, 55.9486



50.8136, 58.3323, 67.5901

# Sweetspot

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



59.6787, 58.3348, 71.7336



92.5964, 95.1912, 107.7786



54.5483, 55.6752, 72.1622



19.6826, 20.1067, 23.0061



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.



59.6787, 58.3348, 71.7336



86.5204, 83.3008, 104.9467



58.4404, 57.8395, 65.2128



12.9250, 12.6215, 15.5450



23.3108, 11.2606, 35.2703



1.4144, 0.6826, 2.1717



# Inverse Universe

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



59.6787, 58.3348, 71.7336



86.5204, 83.3008, 104.9467



57.9487, 64.6607, 67.8209



12.9250, 12.6215, 15.5450



23.3108, 11.2606, 35.2703

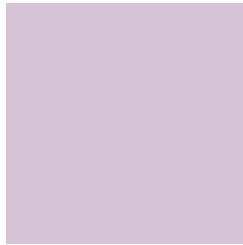


1.4144, 0.6826, 2.1717



# Previews

## White Background



This preview shows how the XYZ color 59.6770, 58.3323, 71.7323 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

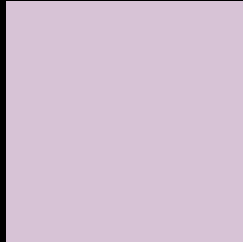
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.6770, 58.3323, 71.7323 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

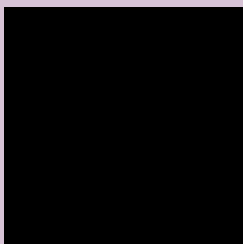
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

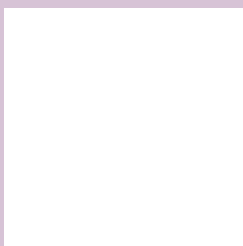
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 59.6770, 58.3323, 71.7323**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.6770, 58.3323, 71.7323.



This preview shows how white text looks on a background with the XYZ color 59.6770, 58.3323,



# 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

59.6770, 58.3323, 71.7323

### Protanopia

56.9981, 58.5977, 73.9520

### Deuteranopia

59.6770, 58.3323, 71.7323



## Tritanopia

59.5221, 58.6301, 69.8076

# Trichromacy



## Original Color

59.6770, 58.3323, 71.7323

## Protanomaly

57.7656, 58.3252, 73.1791

## Deuteranomaly

59.6770, 58.3323, 71.7323

## Tritanomaly

59.6479, 58.6804, 70.4700

# Monochromacy



## Original Color

59.6770, 58.3323, 71.7323

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

57.6489, 59.0789, 67.3964

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.6770, 58.3323, 71.7323 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, 195, 214)` looks like.

```
.text, #text, p{  
    color:rgb(215, 195, 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(215, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 195, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 59.6770, 58.3323, 71.7323 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, 195, 214) }
```



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

```
.border{ border-color:rgb(215, 195, 214) }
```

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

Here you see how a box with a 4 pixel rgb(215, 195, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 195, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 195, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 195,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.6770, 58.3323, 71.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 195, 214) }
```

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

```
.background{ background-color: rgb(215,  
195, 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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