

Converting Colors

XYZ(60.7136, 61.5470, 68.7113)

Have a look what the booklet for
XYZ(60.7136, 61.5470, 68.7113)
contains.

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Color

**XYZ(60.8889, 61.7624,
69.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CBD1
RGB	215, 203, 209
RGB Percent	84%, 80%, 82%
CMY	0.1569, 0.2039, 0.1804
CMYK	0.00, 0.06, 0.03, 0.16
HSL	330°, 13%, 82%
HSV	330°, 6%, 84%
XYZ	60.8889, 61.7624, 69.0337
YIQ	207.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

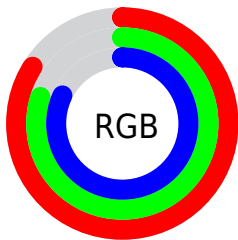
Format	Color
R _Y B	215, 203, 209
Decimal	14142417
CIE Lab	82.79, 5.22, -1.49
CIE LCh	83, 5.430, 344.031
Yxy	61.7624, 0.3177, 0.3222
Android (android.graphics.Color)	4292332497 (0xFFD7CBD1)
YUV	207.2720, 0.8519, 6.7775
Hunter-Lab	78.5891, 0.7666, 2.9312

Details

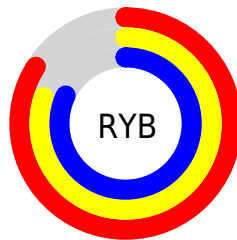
The XYZ color **60.8889, 61.7624, 69.0337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4400, 65.9025, 69.8598**, and the grayscale version is **59.4773, 62.5748, 68.1439**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1610, 31.3350, 35.4162** is the 20% darker color. If you saturate the color by 10%, you get **54.8731, 51.7894, 60.6803**, and if you desaturate by 10%, it is **67.7022, 73.1849, 78.0978**.

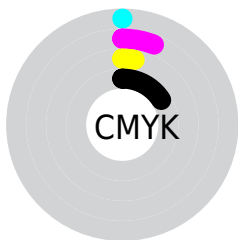
Distribution



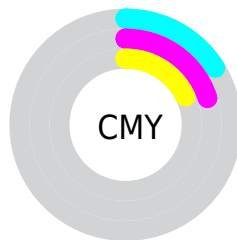
- Red (84%)
- Green (80%)
- Blue (82%)



- Red (84%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8889, 61.7624, 69.0337 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 60.8889, 61.7624, 69.0337 by changing the saturation by 10% instead.

■ 60.8889, 61.7624,
69.0337

■ 60.8889, 61.7624,
69.0337

417.6490,
431.0639, 475.8470

■ 44.3877, 44.8407,
50.2672

105.2171,
107.3821, 119.4979

■ 31.1746, 31.3320,
35.2531

133.7748,
136.8488, 152.0326

■ 20.8844, 20.8518,
23.5728

167.0820,
171.2661, 189.9939

■ 13.1515, 13.0157,
14.8078

205.5042,
211.0183, 233.8003

■ 7.6107, 7.4394,
8.5395

249.4066,
256.4898, 283.8702

■ 3.8965, 3.7384,
4.3493

299.1546,

■ 1.6438, 1.5283,

308.0649, 340.6223

1.8189

355.1136,
366.1282, 404.4750

■ 0.4207, 0.3085,
0.4404

■ 0.0000, 0.0000,
0.0000

■ 60.8889, 61.7624,
69.0337

■ 60.8889, 61.7624,
69.0337

■ 54.8731, 51.7894,
60.6803

■ 67.7022, 73.1849,
78.0978

■ 49.6190, 43.1996,
53.0149

■ 75.3366, 86.1039,
87.8867

■ 45.0958, 35.9334,
46.0188

■ 79.7010, 92.3338,
97.0457

■ 41.2683, 29.9236,
39.6711

■ 81.3578, 92.9965,
105.7702

■ 38.0986, 25.0973,
33.9497

■ 81.8347, 93.1873,
108.2815

■ 35.5447, 21.3738,
28.8307

■ 33.5594, 18.6621,
24.2880

■ 32.0883, 16.8569,
20.2927

■ 31.0648, 15.8284,
16.8115

Harmonies

Analogous

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



60.2780, 61.7624, 71.9795



60.8889, 61.7624, 69.0337



60.9090, 61.7624, 65.7015

Triad

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



60.8889, 61.7624, 69.0337



58.1605, 61.7624, 61.2002



57.1035, 61.7624, 71.8187

Complementary

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



60.8889, 61.7624, 69.0337



60.4400, 65.9025, 69.8598

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.



56.5515, 61.7624, 68.8201



60.8889, 61.7624, 69.0337



57.1562, 61.7624, 62.7300

Square

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



60.8889, 61.7624, 69.0337



59.3233, 61.7624, 61.2531



56.5707, 61.7624, 65.4948



58.0877, 61.7624, 73.6235

Rectangle

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



60.8889, 61.7624, 69.0337



60.5841, 61.7624, 63.7133



56.5707, 61.7624, 65.4948



56.8618, 61.7624, 70.9127

Sweetspot

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



60.8907, 61.7651, 69.0350



93.0365, 96.6259, 106.2162



59.9185, 61.1764, 72.9411



19.9348, 20.7173, 22.7629



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.



60.8907, 61.7651, 69.0350



88.2133, 88.5735, 99.6939



60.1620, 61.4736, 65.1978



12.9319, 12.9428, 14.5999



18.4175, 9.3033, 9.5025



1.1526, 0.5778, 0.7932

Inverse Universe

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



60.8907, 61.7651, 69.0350



88.2133, 88.5735, 99.6939



61.1967, 66.2052, 73.8443



12.9319, 12.9428, 14.5999



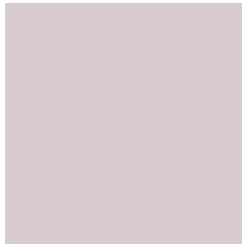
18.4175, 9.3033, 9.5025



1.1526, 0.5778, 0.7932

Previews

White Background



This preview shows how the XYZ color 60.8889, 61.7624, 69.0337 looks on a white background.

Color Contrast Check

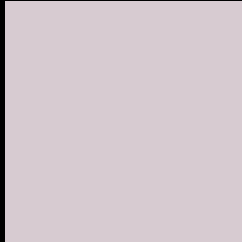
Large Text (above 18pt) WCAG AA × Fail

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 60.8889, 61.7624, 69.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

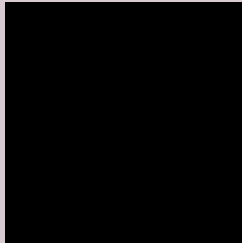
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

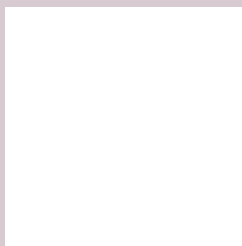
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8889, 61.7624, 69.0337

Background



This preview shows how black text looks on a background with the XYZ color 60.8889, 61.7624, 69.0337.

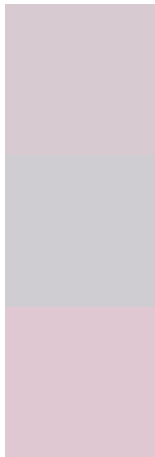


This preview shows how white text looks on a background with the XYZ color 60.8889, 61.7624,

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

60.8889, 61.7624, 69.0337

Protanopia

59.4766, 61.7257, 69.7523

Deuteranopia

63.0276, 61.8090, 69.5812



Tritanopia

62.0943, 61.9019, 75.0052

Trichromacy



Original Color

60.8889, 61.7624, 69.0337

Protanomaly

60.0897, 61.6878, 69.7126

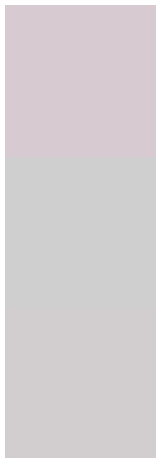
Deuteranomaly

62.3383, 61.7986, 69.6155

Tritanomaly

61.7052, 61.7463, 72.9560

Monochromacy



Original Color

60.8889, 61.7624, 69.0337

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.0348, 62.3983, 68.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8889, 61.7624, 69.0337 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, 203, 209) looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 209)  
}
```

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, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.8889, 61.7624, 69.0337 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, 203, 209) }
```


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

```
.border{ border-color:rgb(215, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 209);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8889, 61.7624, 69.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 209) }
```

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

```
.background{ background-color: rgb(215,  
203, 209) }
```

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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