

Converting Colors

XYZ(60.8299, 63.2710, 69.0917)

Have a look what the booklet for
XYZ(60.8299, 63.2710, 69.0917)
contains.

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Color

**XYZ(60.6854, 63.0780,
69.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CFD1
RGB	211, 207, 209
RGB Percent	83%, 81%, 82%
CMY	0.1725, 0.1882, 0.1804
CMYK	0.00, 0.02, 0.01, 0.17
HSL	330°, 4%, 82%
HSV	330°, 2%, 83%
XYZ	60.6854, 63.0780, 69.2984
YIQ	208.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

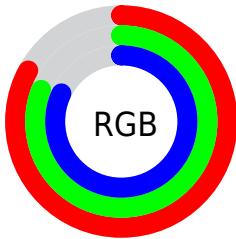
Format	Color
R _Y B	211, 207, 209
Decimal	13881297
CIE Lab	83.48, 1.74, -0.51
CIE LCh	83, 1.811, 343.572
Yxy	63.0780, 0.3143, 0.3267
Android (android.graphics.Color)	4292071377 (0xFFD3CFD1)
YUV	208.4240, 0.2840, 2.2592
Hunter-Lab	79.4217, -2.5976, 3.8624

Details

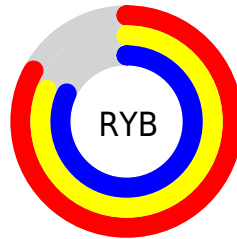
The XYZ color **60.6854, 63.0780, 69.2984** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5374, 64.4590, 69.5760**, and the grayscale version is **60.2283, 63.3649, 69.0044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2123, 32.3171, 35.6031** is the 20% darker color. If you saturate the color by 10%, you get **54.6474, 53.0245, 61.0484**, and if you desaturate by 10%, it is **67.4968, 74.5379, 78.2353**.

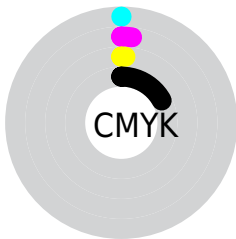
Distribution



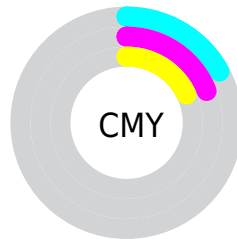
- Red (83%)
- Green (81%)
- Blue (82%)



- Red (83%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6854, 63.0780, 69.2984 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 60.6854, 63.0780, 69.2984 by changing the saturation by 10% instead.

■ 60.6854, 63.0780,
69.2984

■ 60.6854, 63.0780,
69.2984

416.9139,
435.8525, 476.8051

■ 44.2229, 45.9043,
50.4815

104.9240,
109.2820, 119.8794

■ 31.0444, 32.1703,
35.4223

133.4308,
139.0812, 152.4806

■ 20.7847, 21.4916,
23.7022

166.6830,
173.8576, 190.5136

■ 13.0783, 13.4838,
14.9027

205.0461,
213.9957, 234.3970

■ 7.5598, 7.7626,
8.6053

248.8854,
259.8798, 284.5493

■ 3.8640, 3.9434,
4.3913

298.5662,

■ 1.6255, 1.6419,

311.8944, 341.3890

1.8424

354.4540,
370.4238, 405.3348

■ 0.4089, 0.3856,
0.4557

■ 0.0000, 0.0000,
0.0000

■ 60.6854, 63.0780,
69.2984

■ 60.6854, 63.0780,
69.2984

■ 54.6474, 53.0245,
61.0484

■ 67.4968, 74.5379,
78.2353

■ 49.3488, 44.3148,
53.4634

■ 75.1033, 87.4474,
87.8719

■ 44.7610, 36.8935,
46.5263

■ 78.4536, 91.7008,
96.5332

■ 40.8516, 30.6984,
40.2174

■ 80.0745, 92.3492,
105.0688

■ 37.5853, 25.6620,
34.5159

■ 80.6743, 92.5891,
108.2272

■ 34.9235, 21.7101,
29.3997

■ 32.8232, 18.7601,
24.8447

■ 31.2355, 16.7170,
20.8245

■ 30.1018, 15.4674,
17.3090

Harmonies

Analogous

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



60.4789, 63.0780, 70.2697



60.6854, 63.0780, 69.2984



60.6953, 63.0780, 68.1719

Triad

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



60.6854, 63.0780, 69.2984



59.7756, 63.0780, 66.5878



59.4050, 63.0780, 70.1918

Complementary

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



60.6854, 63.0780, 69.2984



60.5374, 64.4590, 69.5760

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.



59.2183, 63.0780, 69.1931



60.6854, 63.0780, 69.2984



59.4316, 63.0780, 67.1169

Square

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



60.6854, 63.0780, 69.2984



60.1689, 63.0780, 66.6154



59.2280, 63.0780, 68.0677



59.7391, 63.0780, 70.7894

Rectangle

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



60.6854, 63.0780, 69.2984



60.5890, 63.0780, 67.4851



59.2280, 63.0780, 68.0677



59.3230, 63.0780, 69.8914

Sweetspot

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



60.6872, 63.0807, 69.2998



94.0371, 98.3019, 107.5521



60.3675, 62.8871, 70.5855



20.1385, 21.0585, 23.0348



0.0000, 0.0000, 0.0000



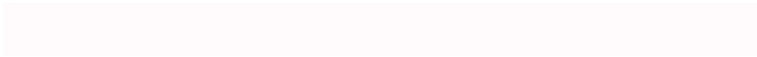
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.6872, 63.0807, 69.2998



93.0363, 96.6258, 106.2150



60.4415, 62.9824, 68.0060



13.0431, 13.5587, 14.8945



17.8156, 8.9991, 9.2012



1.0362, 0.5192, 0.7254

Inverse Universe

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



60.6872, 63.0807, 69.2998



93.0363, 96.6258, 106.2150



60.7862, 64.5585, 70.8861



13.0431, 13.5587, 14.8945



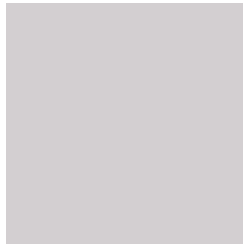
17.8156, 8.9991, 9.2012



1.0362, 0.5192, 0.7254

Previews

White Background



This preview shows how the XYZ color 60.6854, 63.0780, 69.2984 looks on a white background.

Color Contrast Check

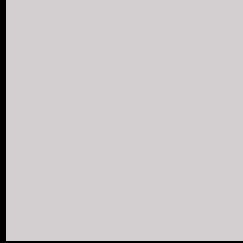
Large Text (above 18pt) WCAG AA × Fail

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 60.6854, 63.0780, 69.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

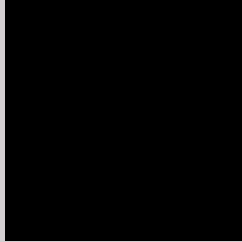
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

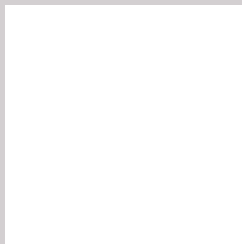
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6854, 63.0780, 69.2984

Background



This preview shows how black text looks on a background with the XYZ color 60.6854, 63.0780, 69.2984.

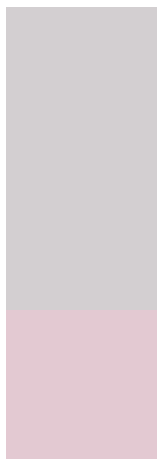


This preview shows how white text looks on a background with the XYZ color 60.6854, 63.0780,

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

60.6854, 63.0780, 69.2984

Protanopia

60.6854, 63.0780, 69.2984

Deuteranopia

64.1981, 62.7573, 69.7025



Tritanopia

62.3230, 63.0292, 77.2877

Trichromacy



Original Color

60.6854, 63.0780, 69.2984

Protanomaly

60.6854, 63.0780, 69.2984

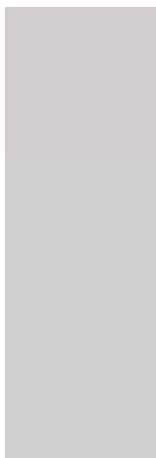
Deuteranomaly

62.8076, 62.7372, 69.7719

Tritanomaly

61.7471, 63.1494, 74.5803

Monochromacy



Original Color

60.6854, 63.0780, 69.2984

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.2355, 63.2211, 68.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6854, 63.0780, 69.2984 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(211, 207, 209) looks like.

```
.text, #text, p{  
    color:rgb(211, 207, 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(211, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 207, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.6854, 63.0780, 69.2984 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(211, 207, 209) }
```


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

```
.border{ border-color:rgb(211, 207, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 207,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6854, 63.0780, 69.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 207, 209) }
```

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

```
.background{ background-color: rgb(211,  
207, 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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