

Converting Colors

XYZ(60.0923, 61.6892, 69.7079)

Have a look what the booklet for
XYZ(60.0923, 61.6892, 69.7079)
contains.

XYZ(60.0897, 61.6878, 69.7126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.0897, 61.6878,
69.7126)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CCD2
RGB	211, 204, 210
RGB Percent	83%, 80%, 82%
CMY	0.1725, 0.2000, 0.1765
CMYK	0.00, 0.03, 0.00, 0.17
HSL	309°, 7%, 81%
HSV	309°, 3%, 83%
XYZ	60.0897, 61.6878, 69.7126
YIQ	206.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

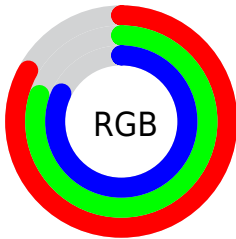
Format	Color
R _Y B	211, 204, 210
Decimal	13880530
CIE Lab	82.75, 3.50, -2.12
CIE LCh	83, 4.092, 328.733
Yxy	61.6878, 0.3138, 0.3221
Android (android.graphics.Color)	4292070610 (0xFFD3CCD2)
YUV	206.7770, 1.5889, 3.7036
Hunter-Lab	78.5416, -0.8830, 2.3540

Details

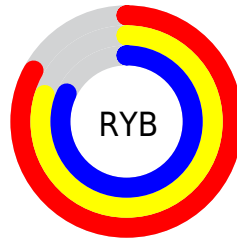
The XYZ color **60.0897, 61.6878, 69.7126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2179, 63.8353, 66.9612**, and the grayscale version is **59.1553, 62.2360, 67.7750**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8117, 31.3811, 35.8857** is the 20% darker color. If you saturate the color by 10%, you get **55.0390, 52.1812, 66.1933**, and if you desaturate by 10%, it is **65.8305, 72.5614, 73.4984**.

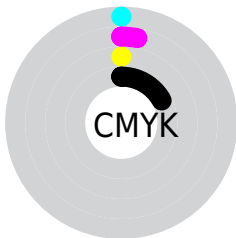
Distribution



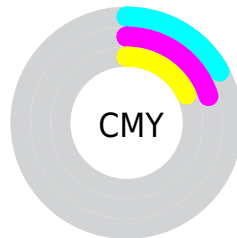
- Red (83%)
- Green (80%)
- Blue (82%)



- Red (83%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0897, 61.6878, 69.7126 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 60.0897, 61.6878, 69.7126 by changing the saturation by 10% instead.

■ 60.0897, 61.6878,
69.7126

■ 60.0897, 61.6878,
69.7126

414.7578,
430.7914, 478.3021

■ 43.7407, 44.7805,
50.8169

104.0654,
107.2742, 120.4761

■ 30.6637, 31.2846,
35.6872

132.4228,
136.7220, 153.1810

■ 20.4935, 20.8156,
23.9049

165.5136,
171.1189, 191.3260

■ 12.8646, 12.9893,
15.0516

203.7033,
210.8491, 235.3297

■ 7.4117, 7.4212,
8.7086

247.3572,
256.2970, 285.6106

■ 3.7695, 3.7269,
4.4574

296.8407,

■ 1.5726, 1.5220,

307.8471, 342.5873

1.8795

352.5191,
365.8838, 406.6783

■ 0.3744, 0.3041,
0.4796

■ 0.0000, 0.0000,
0.0000

■ 60.0897, 61.6878,
69.7126

■ 60.0897, 61.6878,
69.7126

■ 55.0390, 52.1812,
66.1933

■ 65.8305, 72.5614,
73.4984

■ 50.6458, 43.9792,
62.9271

■ 72.2816, 84.8452,
77.5553

■ 46.8829, 37.0267,
59.9057

■ 75.4170, 90.4861,
80.5423

■ 43.7192, 31.2615,
57.1183

■ 75.8179, 90.6465,
82.6533

41.1209, 26.6157,
54.5535

76.2260, 90.8097,
84.8025

39.0506, 23.0152,
52.1988

76.6414, 90.9759,
86.9898

37.4667, 20.3764,
50.0399

77.0641, 91.1450,
89.2157

36.3210, 18.6030,
48.0607

77.4941, 91.3170,
91.4802

35.5553, 17.5790,
46.2416

77.9315, 91.4919,
93.7836

Harmonies

Analogous

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



59.4491, 61.6878, 71.5042



60.0897, 61.6878, 69.7126



60.3393, 61.6878, 67.2747

Triad

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



60.0897, 61.6878, 69.7126



58.6698, 61.6878, 62.4412



57.1621, 61.6878, 69.5226

Complementary

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



60.0897, 61.6878, 69.7126



59.2179, 63.8353, 66.9612

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.



56.9580, 61.6878, 67.0605



60.0897, 61.6878, 69.7126



57.8232, 61.6878, 63.0098

Square

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



60.0897, 61.6878, 69.7126



59.5145, 61.6878, 63.1125



57.1989, 61.6878, 64.6852



57.7591, 61.6878, 71.3926

Rectangle

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



60.0897, 61.6878, 69.7126



60.2484, 61.6878, 65.6242



57.1989, 61.6878, 64.6852



57.0455, 61.6878, 68.7349

Sweetspot

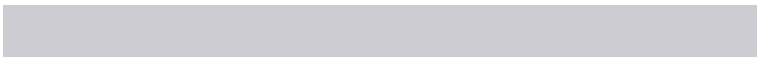
The Sweet Spot groups the original color and five complimentary colors.



60.0915, 61.6905, 69.7139



94.1833, 98.3603, 108.3219



58.5118, 60.8617, 70.2925



20.1682, 21.0704, 23.1914



0.0000, 0.0000, 0.0000



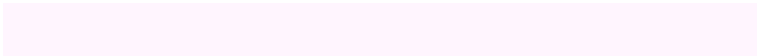
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0915, 61.6905, 69.7139



91.6481, 93.5703, 106.6124



59.6685, 61.5213, 67.4864



12.7541, 12.9565, 14.8729



21.2652, 10.3789, 27.3662



1.2094, 0.5885, 1.6375

Inverse Universe

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



60.0915, 61.6905, 69.7139



91.6481, 93.5703, 106.6124



59.6367, 64.0029, 69.1668



12.7541, 12.9565, 14.8729



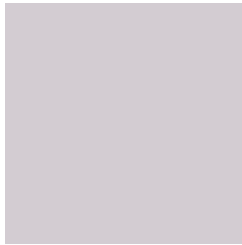
21.2652, 10.3789, 27.3662



1.2094, 0.5885, 1.6375

Previews

White Background



This preview shows how the XYZ color 60.0897, 61.6878, 69.7126 looks on a white background.

Color Contrast Check

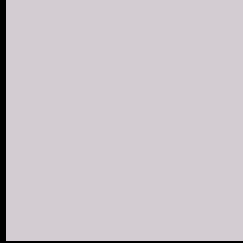
Large Text (above 18pt) WCAG AA × Fail

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 60.0897, 61.6878, 69.7126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

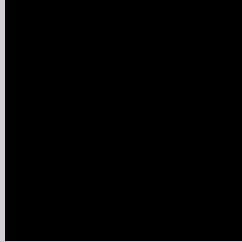
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

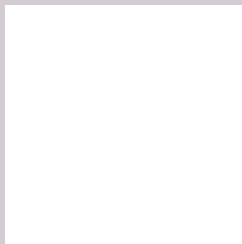
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0897, 61.6878, 69.7126

Background



This preview shows how black text looks on a background with the XYZ color 60.0897, 61.6878, 69.7126.

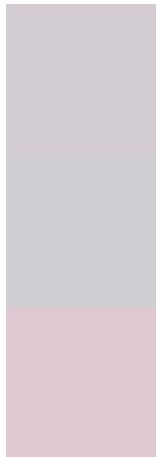


This preview shows how white text looks on a background with the XYZ color 60.0897, 61.6878,

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

60.0897, 61.6878, 69.7126

Protanopia

59.6016, 61.7757, 70.4106

Deuteranopia

63.1526, 61.8590, 70.2395



Tritanopia

61.2935, 61.8234, 75.7204

Trichromacy



Original Color

60.0897, 61.6878, 69.7126

Protanomaly

59.8837, 61.9211, 70.4238

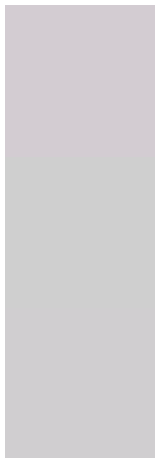
Deuteranomaly

61.8579, 61.5365, 70.2455

Tritanomaly

60.9020, 61.6668, 73.6587

Monochromacy



Original Color

60.0897, 61.6878, 69.7126

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4689, 62.1066, 68.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0897, 61.6878, 69.7126 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, 204, 210) looks like.

```
.text, #text, p{  
    color:rgb(211, 204, 210)  
}
```

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, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 204, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.0897, 61.6878, 69.7126 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, 204, 210) }
```


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

```
.border{ border-color:rgb(211, 204, 210) }
```

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

Here you see how a box with a 4 pixel rgb(211, 204, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(211, 204,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0897, 61.6878, 69.7126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 204, 210) }
```

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

```
.background{ background-color: rgb(211,  
204, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor