

Converting Colors

XYZ(60.0802, 60.8606, 68.7528)

Have a look what the booklet for
XYZ(60.0802, 60.8606, 68.7528)
contains.

XYZ(60.0697, 60.9906, 68.9280)	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(60.0697, 60.9906,
68.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CAD1
RGB	213, 202, 209
RGB Percent	84%, 79%, 82%
CMY	0.1647, 0.2078, 0.1804
CMYK	0.00, 0.05, 0.02, 0.16
HSL	322°, 12%, 81%
HSV	322°, 5%, 84%
XYZ	60.0697, 60.9906, 68.9280
YIQ	206.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

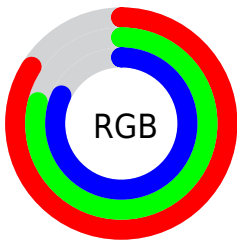
Format	Color
R _Y B	213, 202, 209
Decimal	14011089
CIE Lab	82.37, 5.06, -2.12
CIE LCh	82, 5.485, 337.280
Yxy	60.9906, 0.3162, 0.3210
Android (android.graphics.Color)	4292201169 (0xFFD5CAD1)
YUV	206.0870, 1.4361, 6.0627
Hunter-Lab	78.0965, 0.6285, 2.3381

Details

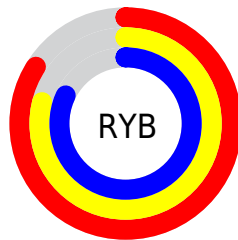
The XYZ color **60.0697, 60.9906, 68.9280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2942, 64.6028, 67.7400**, and the grayscale version is **58.7125, 61.7701, 67.2677**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6069, 30.8155, 35.3452** is the 20% darker color. If you saturate the color by 10%, you get **54.4774, 51.3032, 62.4462**, and if you desaturate by 10%, it is **66.4020, 72.0816, 75.8881**.

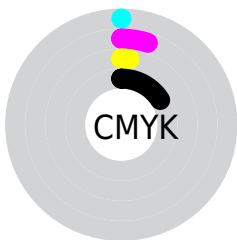
Distribution



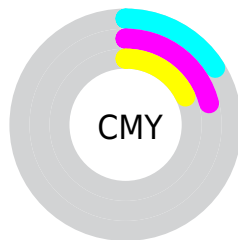
- Red (84%)
- Green (79%)
- Blue (82%)



- Red (84%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0697, 60.9906, 68.9280 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 60.0697, 60.9906, 68.9280 by changing the saturation by 10% instead.

■ 60.0697, 60.9906,
68.9280

■ 60.0697, 60.9906,
68.9280

414.6853,
428.2395, 475.4640

■ 43.7245, 44.2176,
50.1817

104.0365,
106.2653, 119.3455

■ 30.6510, 30.8416,
35.1856

132.3889,
135.5358, 151.8537

■ 20.4837, 20.4783,
23.5212

165.4743,
169.7409, 189.7863

■ 12.8575, 12.7432,
14.7699

203.6582,
209.2651, 233.5618

■ 7.4068, 7.2519,
8.5132

247.3059,
254.4926, 283.5988

■ 3.7664, 3.6202,
4.3326

296.7827,

■ 1.5708, 1.4634,

305.8079, 340.3159

1.8095

352.4540,
363.5954, 404.1314

■ 0.3733, 0.2628,
0.4342

■ 0.0000, 0.0000,
0.0000

■ 60.0697, 60.9906,
68.9280

■ 60.0697, 60.9906,
68.9280

■ 54.4774, 51.3032,
62.4462

■ 66.4020, 72.0816,
75.8881

■ 49.5910, 42.9549,
56.4260

■ 73.4961, 84.6213,
83.3347

■ 45.3817, 35.8882,
50.8550

■ 77.8012, 91.5064,
90.0882

■ 41.8164, 30.0382,
45.7190

■ 78.9280, 91.9571,
96.0217

■ 38.8593, 25.3341,
41.0026

■ 80.1039, 92.4275,
102.2140

■ 36.4709, 21.6982,
36.6890

■ 81.2509, 92.8863,
108.2542

■ 34.6066, 19.0425,
32.7597

■ 33.2149, 17.2653,
29.1938

■ 32.2329, 16.2420,
25.9666

Harmonies

Analogous

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



59.3431, 60.9906, 71.6679



60.0697, 60.9906, 68.9280



60.2300, 60.9906, 65.5953

Triad

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



60.0697, 60.9906, 68.9280



57.6851, 60.9906, 60.2203



56.1981, 60.9906, 70.3879

Complementary

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



60.0697, 60.9906, 68.9280



59.2942, 64.6028, 67.7400

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.



55.7667, 60.9906, 67.2282



60.0697, 60.9906, 68.9280



56.6177, 60.9906, 61.4127

Square

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



60.0697, 60.9906, 68.9280



58.8430, 60.9906, 60.6410



55.9193, 60.9906, 63.9510



57.1052, 60.9906, 72.5304

Rectangle

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



60.0697, 60.9906, 68.9280



59.9923, 60.9906, 63.4989



55.9193, 60.9906, 63.9510



55.9932, 60.9906, 69.4054

Sweetspot

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



60.0714, 60.9932, 68.9293



93.1473, 96.6702, 106.7994



58.5451, 60.1484, 71.4758



19.9573, 20.7263, 22.8816



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.



60.0714, 60.9932, 68.9293



89.4786, 90.2704, 102.6864



59.4203, 60.7328, 65.5005



13.1123, 13.1774, 15.0487



19.5064, 9.7389, 15.2366



1.2156, 0.6030, 1.1249

Inverse Universe

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



60.0714, 60.9932, 68.9293



89.4786, 90.2704, 102.6864



59.9551, 64.8672, 71.2202



13.1123, 13.1774, 15.0487



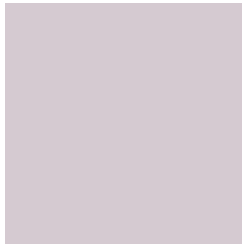
19.5064, 9.7389, 15.2366



1.2156, 0.6030, 1.1249

Previews

White Background



This preview shows how the XYZ color 60.0697, 60.9906, 68.9280 looks on a white background.

Color Contrast Check

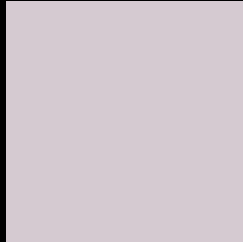
Large Text (above 18pt) WCAG AA × Fail

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 60.0697, 60.9906, 68.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

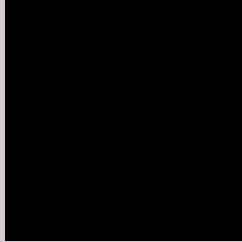
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0697, 60.9906, 68.9280

Background



This preview shows how black text looks on a background with the XYZ color 60.0697, 60.9906, 68.9280.



This preview shows how white text looks on a background with the XYZ color 60.0697, 60.9906,

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

60.0697, 60.9906, 68.9280

Protanopia

58.9579, 61.1043, 69.6597

Deuteranopia

62.4877, 61.1880, 69.4898



Tritanopia

61.1426, 61.0792, 74.2125

Trichromacy



Original Color

60.0697, 60.9906, 68.9280

Protanomaly

59.2833, 60.9203, 69.6070

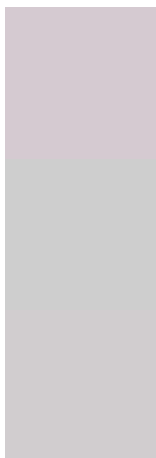
Deuteranomaly

61.5006, 61.0218, 69.5097

Tritanomaly

60.7558, 60.9245, 72.1758

Monochromacy



Original Color

60.0697, 60.9906, 68.9280

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.3883, 61.7229, 67.8151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0697, 60.9906, 68.9280 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(213, 202, 209) looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 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(213, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.0697, 60.9906, 68.9280 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(213, 202, 209) }
```


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

```
.border{ border-color:rgb(213, 202, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 202, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(213, 202,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0697, 60.9906, 68.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 209) }
```

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

```
.background{ background-color: rgb(213,  
202, 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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