

Converting Colors

XYZ(59.6700, 61.2319, 67.4826)

Have a look what the booklet for
XYZ(59.6700, 61.2319, 67.4826)
contains.

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Color

**XYZ(59.7698, 61.2139,
67.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CBCF
RGB	212, 203, 207
RGB Percent	83%, 80%, 81%
CMY	0.1686, 0.2039, 0.1882
CMYK	0.00, 0.04, 0.02, 0.17
HSL	333°, 9%, 81%
HSV	333°, 4%, 83%
XYZ	59.7698, 61.2139, 67.6967
YIQ	206.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

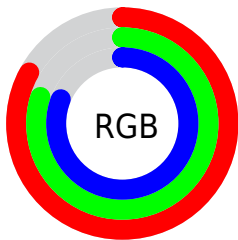
Format	Color
R _Y B	212, 203, 207
Decimal	13945807
CIE Lab	82.49, 3.83, -0.88
CIE LCh	82, 3.928, 347.008
Yxy	61.2139, 0.3168, 0.3244
Android (android.graphics.Color)	4292135887 (0xFFD4CBCF)
YUV	206.1470, 0.4205, 5.1331
Hunter-Lab	78.2393, -0.5563, 3.4667

Details

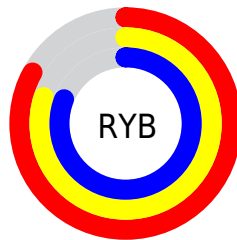
The XYZ color **59.7698, 61.2139, 67.6967** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5596, 64.3392, 68.9573**, and the grayscale version is **58.7574, 61.8173, 67.3191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4018, 30.9629, 34.5111** is the 20% darker color. If you saturate the color by 10%, you get **53.7149, 51.3233, 58.8348**, and if you desaturate by 10%, it is **66.6204, 72.5220, 77.3557**.

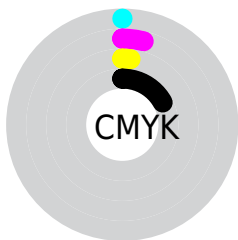
Distribution



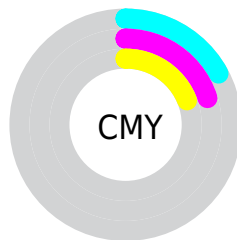
- Red (83%)
- Green (80%)
- Blue (81%)



- Red (83%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7698, 61.2139, 67.6967 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 59.7698, 61.2139, 67.6967 by changing the saturation by 10% instead.

■ 59.7698, 61.2139,
67.6967

■ 59.7698, 61.2139,
67.6967

413.5971,
429.0578, 470.9895

■ 43.4819, 44.3978,
49.1859

103.6039,
106.5886, 117.5683

■ 30.4595, 30.9834,
34.4003

131.8808,
135.9160, 149.7661

■ 20.3375, 20.5862,
22.9215

164.8847,
170.1826, 187.3633

■ 12.7503, 12.8219,
14.3308

202.9810,
209.7728, 230.7785

■ 7.3326, 7.3060,
8.2097

246.5350,
255.0711, 280.4301

■ 3.7191, 3.6542,
4.1397

295.9121,

■ 1.5445, 1.4821,

306.4617, 336.7368

1.7023

351.4777,
364.3292, 400.1171

■ 0.3558, 0.2761,
0.3623

■ 0.0000, 0.0000,
0.0000

■ 59.7698, 61.2139,
67.6967

■ 59.7698, 61.2139,
67.6967

■ 53.7149, 51.3233,
58.8348

■ 66.6204, 72.5220,
77.3557

■ 48.4204, 42.7861,
50.7446

■ 74.2896, 85.2926,
87.8285

■ 43.8562, 35.5451,
43.4048

■ 78.9913, 91.9491,
97.8644

■ 39.9882, 29.5359,
36.7918

■ 80.8223, 92.6815,
107.5063

■ 36.7791, 24.6883,
30.8804

■ 80.9618, 92.7373,
108.2407

■ 34.1884, 20.9255,
25.6436

■ 32.1705, 18.1607,
21.0524

■ 30.6729, 16.2939,
17.0746

■ 29.6326, 15.2039,
13.6738

Harmonies

Analogous

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



59.3712, 61.2139, 69.8553



59.7698, 61.2139, 67.6967



59.7400, 61.2139, 65.3078

Triad

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



59.7698, 61.2139, 67.6967



57.7109, 61.2139, 62.3259



57.0877, 61.2139, 70.0921

Complementary

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



59.7698, 61.2139, 67.6967



59.5596, 64.3392, 68.9573

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.



56.6513, 61.2139, 68.0136



59.7698, 61.2139, 67.6967



57.0087, 61.2139, 63.5472

Square

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



59.7698, 61.2139, 67.6967



58.5458, 61.2139, 62.2457



56.6225, 61.2139, 65.6172



57.8197, 61.2139, 71.2605

Rectangle

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



59.7698, 61.2139, 67.6967



59.4811, 61.2139, 63.9062



56.6225, 61.2139, 65.6172



56.9019, 61.2139, 69.4744

Sweetspot

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



59.7715, 61.2165, 67.6980



94.0145, 98.2928, 107.4333



59.2402, 60.8709, 70.9152



20.1339, 21.0567, 23.0106



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.



59.7715, 61.2165, 67.6980



89.9965, 91.6851, 101.6905



59.3954, 61.2363, 65.1924



13.1723, 13.3661, 14.8572



18.0628, 9.1614, 7.6346



1.1307, 0.5691, 0.6779

Inverse Universe

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



59.7715, 61.2165, 67.6980



89.9965, 91.6851, 101.6905



59.9453, 64.3138, 71.5426



13.1723, 13.3661, 14.8572



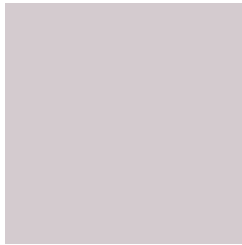
18.0628, 9.1614, 7.6346



1.1307, 0.5691, 0.6779

Previews

White Background



This preview shows how the XYZ color 59.7698, 61.2139, 67.6967 looks on a white background.

Color Contrast Check

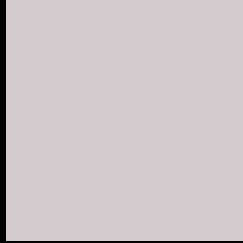
Large Text (above 18pt) WCAG AA × Fail

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 59.7698, 61.2139, 67.6967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

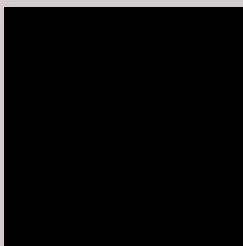
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7698, 61.2139, 67.6967

Background



This preview shows how black text looks on a background with the XYZ color 59.7698, 61.2139, 67.6967.

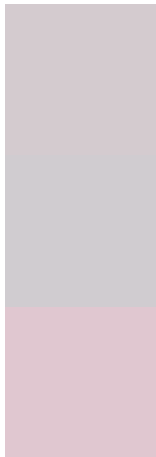


This preview shows how white text looks on a background with the XYZ color 59.7698, 61.2139,

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

59.7698, 61.2139, 67.6967

Protanopia

58.9905, 61.1497, 68.3684

Deuteranopia

62.5491, 61.2482, 68.1999



Tritanopia

61.1426, 61.0792, 74.2125

Trichromacy



Original Color

59.7698, 61.2139, 67.6967

Protanomaly

59.2725, 61.2951, 68.3816

Deuteranomaly

61.5546, 61.0783, 68.2195

Tritanomaly

60.5713, 61.1913, 71.5694

Monochromacy



Original Color

59.7698, 61.2139, 67.6967

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9843, 61.5288, 67.1600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7698, 61.2139, 67.6967 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(212, 203, 207) looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 207)  
}
```

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(212, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.7698, 61.2139, 67.6967 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(212, 203, 207) }
```


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

```
.border{ border-color:rgb(212, 203, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7698, 61.2139, 67.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 207) }
```

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

```
.background{ background-color: rgb(212,  
203, 207) }
```

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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