

Converting Colors

XYZ(67.3057, 69.9773, 79.0242)

Have a look what the booklet for
XYZ(67.3057, 69.9773, 79.0242)
contains.

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Color

**XYZ(67.2111, 69.9597,
79.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD9DE
RGB	219, 217, 222
RGB Percent	86%, 85%, 87%
CMY	0.1412, 0.1490, 0.1294
CMYK	0.01, 0.02, 0.00, 0.13
HSL	264°, 7%, 86%
HSV	264°, 2%, 87%
XYZ	67.2111, 69.9597, 79.0684
YIQ	218.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

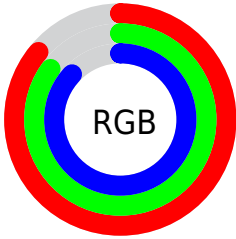
Format	Color
R _Y B	219, 217, 222
Decimal	14408158
CIE Lab	86.98, 1.59, -2.22
CIE LCh	87, 2.730, 305.578
Yxy	69.9597, 0.3108, 0.3235
Android (android.graphics.Color)	4292598238 (0xFFD9DE)
YUV	218.1680, 1.8892, 0.7297
Hunter-Lab	83.6419, -2.9383, 2.5013

Details

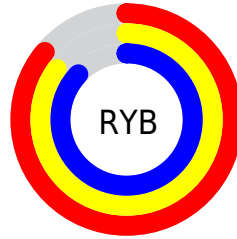
The XYZ color **67.2111, 69.9597, 79.0684** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1635, 72.4698, 76.0446**, and the grayscale version is **66.7457, 70.2217, 76.4714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2052, 36.5232, 41.7534** is the 20% darker color. If you saturate the color by 10%, you get **58.0191, 57.2918, 77.1088**, and if you desaturate by 10%, it is **77.4980, 84.3386, 81.3027**.

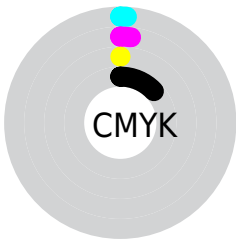
Distribution



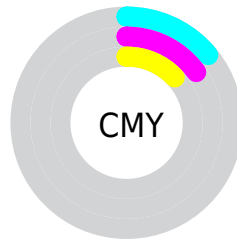
- Red (86%)
- Green (85%)
- Blue (87%)



- Red (86%)
- Yellow (85%)
- Blue (87%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2111, 69.9597, 79.0684 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 67.2111, 69.9597, 79.0684 by changing the saturation by 10% instead.

■ 67.2111, 69.9597,
79.0684

■ 67.2111, 69.9597,
79.0684

440.1165,
460.4085, 511.4114

■ 49.5275, 51.4937,
58.4304

114.2710,
119.1513, 133.8547

■ 35.2544, 36.6017,
41.7378

144.3780,
150.6456, 168.8401

■ 24.0263, 24.8992,
28.5720

179.3568,
187.2516, 209.4450

■ 15.4780, 16.0020,
18.5145

219.5729,
229.3534, 256.0879

■ 9.2440, 9.5256,
11.1467

265.3916,
277.3357, 309.1875

■ 4.9591, 5.0855,
6.0502

317.1782,

■ 2.2578, 2.2975,

331.5827, 369.1623

2.8064

375.2980,
392.4788, 436.4308

■ 0.7729, 0.7724,
0.9966

■ 0.0000, 0.0000,
0.0000

■ 67.2111, 69.9597,
79.0684

■ 67.2111, 69.9597,
79.0684

■ 58.0191, 57.2918,
77.1088

■ 77.4980, 84.3386,
81.3027

■ 49.8780, 46.2611,
75.4087

■ 86.8321, 96.3255,
83.1244

■ 42.7495, 36.8014,
73.9585

■ 90.1850, 98.0540,
83.2813

■ 36.5905, 28.8386,
72.7462

■ 31.3548, 22.2926,
71.7586

■ 26.9917, 17.0754,
70.9815

■ 23.4455, 13.0888,
70.3990

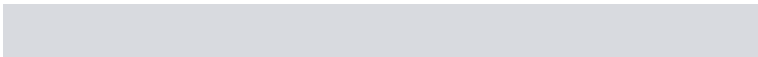
■ 20.6526, 10.2205,
69.9925

■ 18.5382, 8.3359,
69.7402

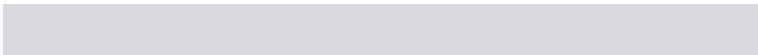
Harmonies

Analogous

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



66.6139, 69.9597, 79.7257



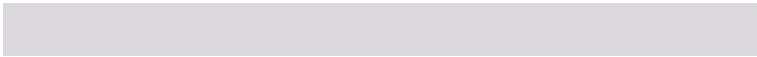
67.2111, 69.9597, 79.0684



67.6182, 69.9597, 77.6365

Triad

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



67.2111, 69.9597, 79.0684



67.0032, 69.9597, 73.0189



65.2808, 69.9597, 76.5163

Complementary

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



67.2111, 69.9597, 79.0684



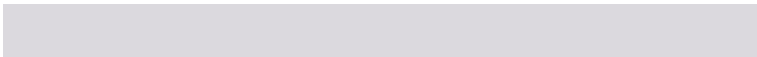
68.1635, 72.4698, 76.0446

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.



65.3835, 69.9597, 74.7304



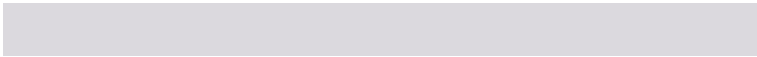
67.2111, 69.9597, 79.0684



66.3754, 69.9597, 72.7298

Square

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



67.2111, 69.9597, 79.0684



67.4976, 69.9597, 74.1478



65.7832, 69.9597, 73.3515



65.5016, 69.9597, 78.2373

Rectangle

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



67.2111, 69.9597, 79.0684



67.7256, 69.9597, 76.4455



65.7832, 69.9597, 73.3515



65.2786, 69.9597, 75.9036

Sweetspot

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



67.2131, 69.9627, 79.0699



93.6808, 98.0946, 108.6044



67.4177, 71.2582, 79.3092



20.0660, 21.0164, 23.2489



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.



67.2131, 69.9627, 79.0699



90.9882, 94.3550, 108.0245



67.9456, 70.3403, 79.1042



14.6370, 15.1221, 17.5351



10.3794, 4.4461, 41.3595



0.8185, 0.3592, 2.8714

Inverse Universe

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



67.8578, 70.3258, 77.7114



92.1696, 95.0205, 105.5312



67.4371, 72.0954, 76.0107



14.8765, 15.2570, 17.0290



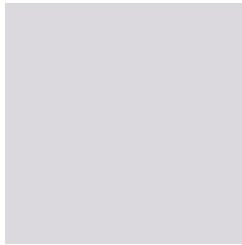
20.4763, 10.2575, 14.4396



1.4631, 0.7285, 1.2318

Previews

White Background



This preview shows how the XYZ color 67.2111, 69.9597, 79.0684 looks on a white background.

Color Contrast Check

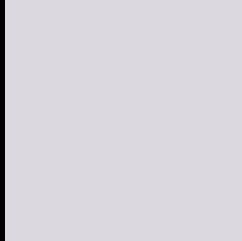
Large Text (above 18pt) WCAG AA × Fail

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 67.2111, 69.9597, 79.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

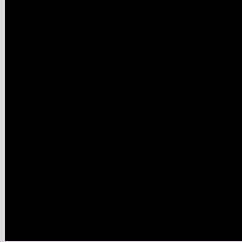
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

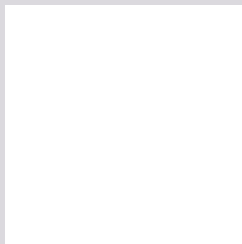
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2111, 69.9597, 79.0684

Background



This preview shows how black text looks on a background with the XYZ color 67.2111, 69.9597, 79.0684.



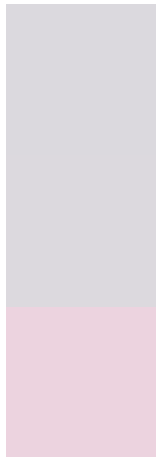
This preview shows how white text looks on a background with the XYZ color 67.2111, 69.9597,

79.0684.

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

67.2111, 69.9597, 79.0684

Protanopia

67.5129, 70.1153, 79.0825

Deuteranopia

71.2056, 69.7491, 79.5220



Tritanopia

68.6847, 69.7992, 86.1965

Trichromacy



Original Color

67.2111, 69.9597, 79.0684

Protanomaly

67.5129, 70.1153, 79.0825

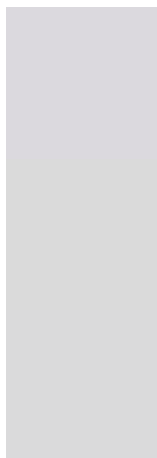
Deuteranomaly

69.7467, 69.7392, 79.5970

Tritanomaly

68.0747, 69.9288, 83.3085

Monochromacy



Original Color

67.2111, 69.9597, 79.0684

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.7710, 70.1627, 77.0414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2111, 69.9597, 79.0684 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(219, 217, 222) looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 222)  
}
```

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(219, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.2111, 69.9597, 79.0684 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(219, 217, 222) }
```


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

```
.border{ border-color:rgb(219, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2111, 69.9597, 79.0684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 222) }
```

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

```
.background{ background-color: rgb(219,  
217, 222) }
```

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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