

Converting Colors

XYZ(40.9458, 27.1894, 57.1287)

Have a look what the booklet for
XYZ(40.9458, 27.1894, 57.1287)
contains.

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Color

**XYZ(40.8912, 27.0894,
57.1064)**

Conversions

Conversions Part 1

Format	Color
Hex	CF67C7
RGB	207, 103, 199
RGB Percent	81%, 40%, 78%
CMY	0.1882, 0.5961, 0.2196
CMYK	0.00, 0.50, 0.04, 0.19
HSL	305°, 52%, 61%
HSV	305°, 50%, 81%
XYZ	40.8912, 27.0894, 57.1064
YIQ	145.0400, 31.1680, 51.9040

Conversions

Conversions Part 2

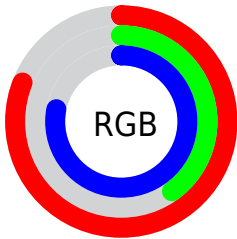
Format	Color
R _Y B	207, 103, 199
Decimal	13592519
CIE Lab	59.06, 53.94, -31.88
CIE LCh	59, 62.653, 329.413
Yxy	27.0894, 0.3269, 0.2166
Android (android.graphics.Color)	4291782599 (0xFFCF67C7)
YUV	145.0400, 26.6023, 54.3389
Hunter-Lab	52.0475, 49.1558, -28.6196

Details

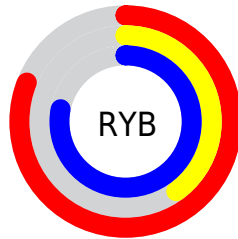
The XYZ color **40.8912, 27.0894, 57.1064** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.7768, 48.6580, 22.8104**, and the grayscale version is **26.8173, 28.2139, 30.7249**.

A 20% lighter version of the original color is **71.5169, 52.9337, 101.0556**, and **18.7455, 10.6423, 27.8542** is the 20% darker color. If you saturate the color by 10%, you get **38.8977, 23.3962, 55.5346**, and if you desaturate by 10%, it is **43.3981, 31.8050, 58.8594**.

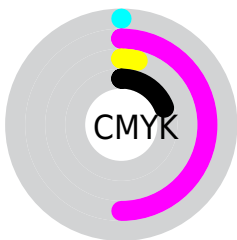
Distribution



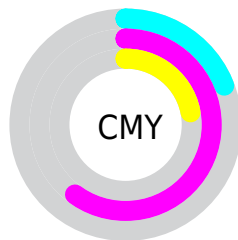
- Red (81%)
- Green (40%)
- Blue (78%)



- Red (81%)
- Yellow (40%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (19%)





- Cyan (19%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8912, 27.0894, 57.1064 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 40.8912, 27.0894, 57.1064 by changing the saturation by 10% instead.


 40.8912, 27.0894,
57.1064


 40.8912, 27.0894,
57.1064


340.9360,
288.0897, 431.3528


 28.4214, 17.6404,
40.6807


 75.7945, 55.0273,
102.1223


 18.7856, 10.6921,
27.7519


 98.9586, 74.2850,
131.5496

 11.6186, 5.8602,
17.9013


 126.4182, 97.5809,
166.1479

 6.5548, 2.7603,
10.7104

 158.5387,
125.2997, 206.3357

 3.2291, 1.0079,
5.7608

195.6853,
157.8255, 252.5316

 1.2761, 0.0000,
2.6337

238.2236,

 0.1652, 0.0000,

195.5429, 305.1540

0.9098

286.5187,
238.8361, 364.6216

■ 0.0000, 0.0000,
0.0000

■ 40.8912, 27.0894,
57.1064

■ 40.8912, 27.0894,
57.1064

■ 38.8977, 23.3962,
55.5346

■ 43.3981, 31.8050,
58.8594

■ 37.3765, 20.6451,
54.1295

■ 46.4499, 37.6082,
60.8034

■ 36.2848, 18.7499,
52.8770

■ 50.0791, 44.5629,
62.9494

■ 35.5707, 17.6069,
51.7599

■ 54.3147, 52.7272,
65.3072

■ 35.1449, 17.0305,
50.7690

■ 59.1837, 62.1553,
67.8858

■ 64.7116, 72.8979,
70.6936

■ 70.9223, 85.0031,
73.7389

■ 73.3435, 89.5260,
75.5307

■ 73.5451, 89.6066,
76.5924

Harmonies

Analogous

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



33.8148, 27.0894, 84.7658



40.8912, 27.0894, 57.1064



43.7892, 27.0894, 29.9367

Triad

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



40.8912, 27.0894, 57.1064



25.9012, 27.0894, 4.0495



14.7917, 27.0894, 55.9340

Complementary

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



40.8912, 27.0894, 57.1064



30.7768, 48.6580, 22.8104

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.



13.4993, 27.0894, 29.0592



40.8912, 27.0894, 57.1064



19.0779, 27.0894, 5.7033

Square

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



40.8912, 27.0894, 57.1064



34.1340, 27.0894, 5.8513



14.8978, 27.0894, 12.6258



18.8614, 27.0894, 83.8820

Rectangle

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



40.8912, 27.0894, 57.1064



42.5897, 27.0894, 17.4249



14.8978, 27.0894, 12.6258



14.0593, 27.0894, 46.1494

Sweetspot

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



40.8921, 27.0906, 57.1070



83.5682, 77.7888, 102.7533



22.5361, 17.5176, 61.2258



17.5817, 16.0617, 21.8225



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.



40.8921, 27.0906, 57.1070



62.2037, 37.2477, 88.8867



35.9341, 25.1074, 30.9984



12.2699, 11.9927, 14.6972



22.1584, 10.7362, 32.0701



1.2509, 0.6051, 1.8560

Inverse Universe

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



40.8921, 27.0906, 57.1070



62.2037, 37.2477, 88.8867



34.4232, 50.1165, 42.0119



12.2699, 11.9927, 14.6972



22.1584, 10.7362, 32.0701



1.2509, 0.6051, 1.8560

Previews

White Background



This preview shows how the XYZ color 40.8912, 27.0894, 57.1064 looks on a white background.

Color Contrast Check

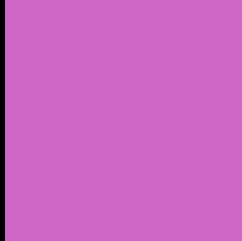
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8912, 27.0894, 57.1064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

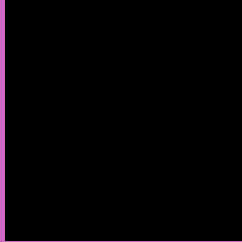
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.8912, 27.0894, 57.1064

Background



This preview shows how black text looks on a background with the XYZ color 40.8912, 27.0894, 57.1064.



This preview shows how white text looks on a background with the XYZ color 40.8912, 27.0894,

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

40.8912, 27.0894, 57.1064

Protanopia

29.7053, 27.6015, 77.8907

Deuteranopia

27.9414, 27.4447, 53.6939



Tritanopia

34.2321, 27.1600, 24.2071

Trichromacy



Original Color

40.8912, 27.0894, 57.1064

Protanomaly

31.7459, 26.1700, 69.7078

Deuteranomaly

31.3443, 26.2870, 55.0516

Tritanomaly

36.2072, 26.9243, 33.8604

Monochromacy



Original Color

40.8912, 27.0894, 57.1064

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.9226, 27.0067, 39.1803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8912, 27.0894, 57.1064 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(207, 103, 199)` looks like.

```
.text, #text, p{  
    color:rgb(207, 103, 199)  
}
```

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(207, 103, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 103, 199) }
```

Border

The CSS property to change the border of an element to XYZ 40.8912, 27.0894, 57.1064 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(207, 103, 199) }
```


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

```
.border{ border-color:rgb(207, 103, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 103, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 103, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 103, 199);  
box-shadow:4px 4px 4px 4px rgb(207, 103,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8912, 27.0894, 57.1064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 103, 199) }
```

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

```
.background{ background-color: rgb(207,  
103, 199) }
```

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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