

Converting Colors

XYZ(40.4403, 30.2942, 57.1961)

Have a look what the booklet for
XYZ(40.4403, 30.2942, 57.1961)
contains.

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Color

**XYZ(40.4267, 30.3628,
57.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	C57CC6
RGB	197, 124, 198
RGB Percent	77%, 49%, 78%
CMY	0.2274, 0.5137, 0.2235
CMYK	0.01, 0.37, 0.00, 0.22
HSL	299°, 39%, 63%
HSV	299°, 37%, 78%
XYZ	40.4267, 30.3628, 57.1560
YIQ	154.2630, 19.7540, 38.4900

Conversions

Conversions Part 2

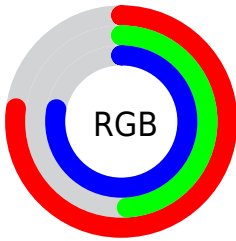
Format	Color
RYB	197, 124, 198
Decimal	12942534
CIELab	61.97, 39.96, -26.91
CIELCh	62, 48.179, 326.042
Yxy	30.3628, 0.3160, 0.2373
Android (android.graphics.Color)	4291132614 (0xFFC57CC6)
YUV	154.2630, 21.5623, 37.4803
Hunter-Lab	55.1025, 34.5298, -22.9279

Details

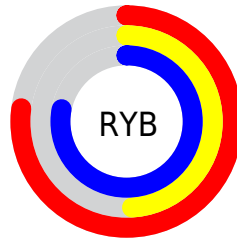
The XYZ color **40.4267, 30.3628, 57.1560** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.2905, 46.2041, 26.2866**, and the grayscale version is **30.7336, 32.3342, 35.2119**.

A 20% lighter version of the original color is **75.2104, 60.3208, 102.2868**, and **18.5719, 12.5295, 27.8251** is the 20% darker color. If you saturate the color by 10%, you get **38.1205, 25.8535, 56.4076**, and if you desaturate by 10%, it is **43.2332, 35.8712, 58.0717**.

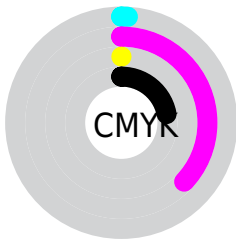
Distribution



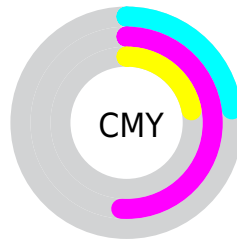
- Red (77%)
- Green (49%)
- Blue (78%)



- Red (77%)
- Yellow (49%)
- Blue (78%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)





- Cyan (23%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4267, 30.3628, 57.1560 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 40.4267, 30.3628, 57.1560 by changing the saturation by 10% instead.


 40.4267, 30.3628,
57.1560


 40.4267, 30.3628,
57.1560


339.0224,
303.5919, 431.5437


 28.0571, 20.1141,
40.7203


 75.0931, 60.2355,
102.1954

 18.5094, 12.4780,
27.7825


 98.1205, 80.6282,
131.6361

 11.4182, 7.0701,
17.9242


 125.4313,
105.1711, 166.2490

 6.4182, 3.5060,
10.7267

157.3907,
134.2486, 206.4525

 3.1441, 1.4013,
5.7715

194.3642,
168.2450, 252.6652

 1.2304, 0.2176,
2.6401

236.7171,

 0.1302, 0.0000,

207.5448, 305.3056

0.9131

284.8147,
252.5323, 364.7922

■ 0.0000, 0.0000,
0.0000

■ 40.4267, 30.3628,
57.1560

■ 40.4267, 30.3628,
57.1560

■ 38.1205, 25.8535,
56.4076

■ 43.2332, 35.8712,
58.0717

■ 36.2815, 22.2793,
55.8146

■ 46.5646, 42.4296,
59.1621

■ 34.8777, 19.5751,
55.3667


■ 50.4471, 50.0904,
60.4361


■ 33.8714, 17.6658,
55.0512

■ 54.9048, 58.9012,
61.9018

■ 33.2187, 16.4636,
54.8535


■ 59.9600, 68.9068,
63.5667

 32.8582, 15.8453,
54.7532

 65.6340, 80.1498,
65.4377

 32.7835, 15.7230,
54.7335

 69.4727, 87.7220,
66.6970

 69.5436, 87.7586,
66.7003

 69.6147, 87.7952,
66.7036

Harmonies

Analogous

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



34.6584, 30.3628, 76.3860



40.4267, 30.3628, 57.1560



43.0966, 30.3628, 35.5746

Triad

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



40.4267, 30.3628, 57.1560



29.7241, 30.3628, 8.7663



19.0820, 30.3628, 51.2506

Complementary

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



40.4267, 30.3628, 57.1560



32.2905, 46.2041, 26.2866

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.



18.1631, 30.3628, 30.6667



40.4267, 30.3628, 57.1560



23.7455, 30.3628, 10.3028

Square

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



40.4267, 30.3628, 57.1560



36.3620, 30.3628, 11.4722



19.7396, 30.3628, 16.9140



22.4663, 30.3628, 72.1778

Rectangle

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



40.4267, 30.3628, 57.1560



42.5065, 30.3628, 24.1775



19.7396, 30.3628, 16.9140



18.4984, 30.3628, 43.8882

Sweetspot

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



40.4277, 30.3641, 57.1566



86.6062, 83.3191, 106.1253



25.8696, 23.0901, 56.5199



18.3333, 17.4312, 22.6482



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.



40.4277, 30.3641, 57.1566



68.1369, 47.0166, 100.0916



37.0397, 29.0392, 37.9453



11.0684, 10.8090, 13.4205



21.3260, 10.2282, 35.5946



1.0144, 0.4867, 1.6856

Inverse Universe

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



34.1990, 27.9030, 22.9865



55.5221, 42.0363, 30.6998



34.8320, 47.2039, 40.4274



10.6396, 10.6392, 11.0854



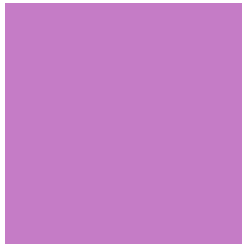
15.1573, 7.8125, 0.7724



0.7198, 0.3707, 0.0475

Previews

White Background



This preview shows how the XYZ color 40.4267, 30.3628, 57.1560 looks on a white background.

Color Contrast Check

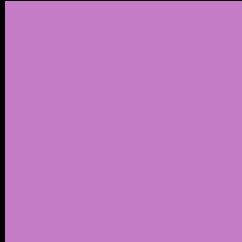
Large Text (above 18pt) WCAG AA × Fail

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 40.4267, 30.3628, 57.1560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

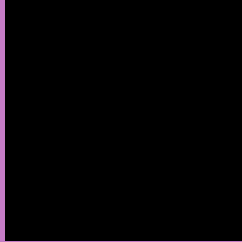
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4267, 30.3628, 57.1560

Background



This preview shows how black text looks on a background with the XYZ color 40.4267, 30.3628, 57.1560.

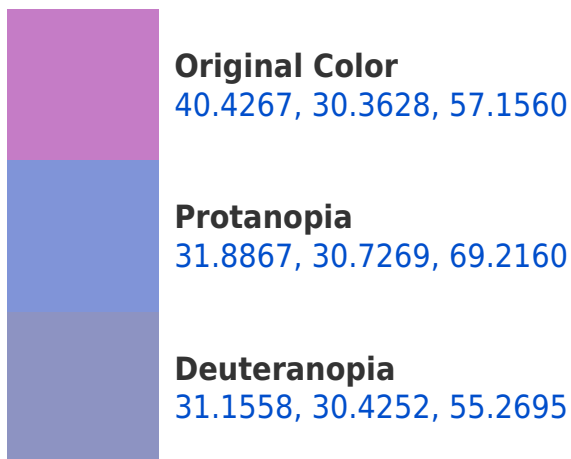


This preview shows how white text looks on a background with the XYZ color 40.4267, 30.3628,

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





Tritanopia

35.0100, 30.3194, 30.7951

Trichromacy



Original Color

40.4267, 30.3628, 57.1560

Protanomaly

33.8781, 29.8410, 64.2959

Deuteranomaly

33.7809, 29.9824, 55.6365

Tritanomaly

36.8095, 30.2504, 39.0208

Monochromacy



Original Color

40.4267, 30.3628, 57.1560

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.6557, 31.0932, 42.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4267, 30.3628, 57.1560 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(197, 124, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 124, 198)  
}
```

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(197, 124, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 124, 198) }
```

Border

The CSS property to change the border of an element to XYZ 40.4267, 30.3628, 57.1560 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(197, 124, 198) }
```


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

```
.border{ border-color:rgb(197, 124, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 124, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 124, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 124, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 124,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4267, 30.3628, 57.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 124, 198) }
```

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

```
.background{ background-color: rgb(197,  
124, 198) }
```

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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