

Converting Colors

XYZ(37.9659, 30.3766, 42.3903)

Have a look what the booklet for
XYZ(37.9659, 30.3766, 42.3903)
contains.

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Color

**XYZ(37.9659, 30.3766,
42.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	C481AB
RGB	196, 129, 171
RGB Percent	77%, 51%, 67%
CMY	0.2314, 0.4941, 0.3294
CMYK	0.00, 0.34, 0.13, 0.23
HSL	322°, 36%, 64%
HSV	322°, 34%, 77%
XYZ	37.9659, 30.3766, 42.3903
YIQ	153.8210, 26.4500, 27.2660

Conversions

Conversions Part 2

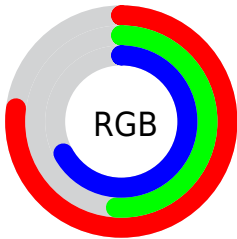
Format	Color
R _Y B	196, 129, 171
Decimal	12878251
CIE Lab	61.98, 32.12, -11.59
CIE LCh	62, 34.149, 340.154
Yxy	30.3766, 0.3429, 0.2743
Android (android.graphics.Color)	4291068331 (0xFFC481AB)
YUV	153.8210, 8.4692, 36.9910
Hunter-Lab	55.1150, 26.5084, -7.0209

Details

The XYZ color **37.9659, 30.3766, 42.3903** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.6273, 46.4809, 37.7207**, and the grayscale version is **30.5935, 32.1867, 35.0513**.

A 20% lighter version of the original color is **71.5340, 60.4288, 79.8452**, and **17.0387, 12.4434, 18.9565** is the 20% darker color. If you saturate the color by 10%, you get **34.9497, 25.4288, 38.0401**, and if you desaturate by 10%, it is **41.5177, 36.3330, 47.1101**.

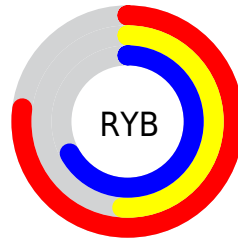
Distribution



Red (77%)

Green (51%)

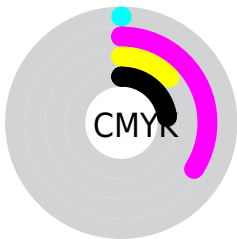
Blue (67%)



Red (77%)

Yellow (51%)

Blue (67%)

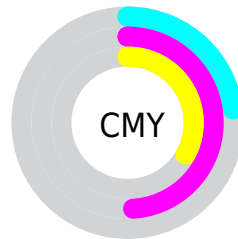


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9659, 30.3766, 42.3903 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 37.9659, 30.3766, 42.3903 by changing the saturation by 10% instead.


 37.9659, 30.3766,
42.3903

 37.9659, 30.3766,
42.3903


328.7571,
303.6559, 371.9456


 26.1333, 20.1246,
29.0792


 71.3601, 60.2572,
80.0664

 17.0566, 12.4857,
18.8946


 93.6524, 80.6547,
105.2685

 10.3704, 7.0753,
11.4181


 120.1621,
105.2027, 135.2714

 5.7094, 3.5093,
6.2311

151.2543,
134.2858, 170.4935

 2.7082, 1.4030,
2.9151

187.2946,
168.2882, 211.3535

 1.0014, 0.2190,
1.0514

228.6483,

 0.0000, 0.0000,

207.5945, 258.2698

0.0000

275.6806,
252.5889, 311.6610

■ 37.9659, 30.3766,
42.3903

■ 37.9659, 30.3766,
42.3903

■ 34.9497, 25.4288,
38.0401

■ 41.5177, 36.3330,
47.1101

■ 32.4372, 21.4283,
34.0448

■ 45.6291, 43.3463,
52.2094

■ 30.3977, 18.3137,
30.3912

■ 50.3260, 51.4668,
57.7001

■ 28.7951, 16.0145,
27.0644

■ 55.6316, 60.7403,
63.5928

■ 27.5885, 14.4494,
24.0472

■ 61.5680, 71.2099,
69.8976

■ 26.7279, 13.5200,
21.3197

■ 68.1562, 82.9167,
76.6243

■ 26.3316, 13.1625,
19.8463

■ 71.7365, 88.5404,
82.5557

■ 72.7396, 88.9416,
87.8378

■ 73.7858, 89.3601,
93.3468

Harmonies

Analogous

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



34.9268, 30.3766, 56.3198



37.9659, 30.3766, 42.3903



38.4297, 30.3766, 28.8277

Triad

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



37.9659, 30.3766, 42.3903



27.3482, 30.3766, 13.9522



22.6547, 30.3766, 52.1345

Complementary

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



37.9659, 30.3766, 42.3903



34.6273, 46.4809, 37.7207

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.



21.0471, 30.3766, 37.7201



37.9659, 30.3766, 42.3903



23.5609, 30.3766, 17.3095

Square

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



37.9659, 30.3766, 42.3903



31.9639, 30.3766, 14.5813



21.3603, 30.3766, 25.2353



25.9863, 30.3766, 62.8963

Rectangle

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



37.9659, 30.3766, 42.3903



37.1695, 30.3766, 21.9613



21.3603, 30.3766, 25.2353



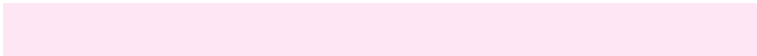
21.9116, 30.3766, 47.4193

Sweetspot

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



37.9668, 30.3780, 42.3909



85.9534, 84.1979, 98.4961



31.0595, 26.5153, 55.7059



18.1432, 17.5830, 20.7820



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.



37.9668, 30.3780, 42.3909



64.6112, 48.1738, 70.8496



35.1990, 29.2709, 27.8158



10.3327, 10.1817, 11.8427



16.9619, 8.4745, 12.9773



0.7653, 0.3791, 0.7317

Inverse Universe

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



37.9668, 30.3780, 42.3909



64.6112, 48.1738, 70.8496



37.7710, 47.7385, 54.2756



10.3327, 10.1817, 11.8427



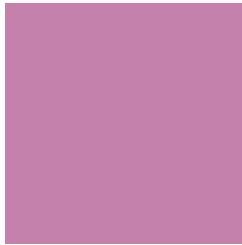
16.9619, 8.4745, 12.9773



0.7653, 0.3791, 0.7317

Previews

White Background



This preview shows how the XYZ color 37.9659, 30.3766, 42.3903 looks on a white background.

Color Contrast Check

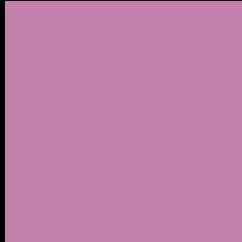
Large Text (above 18pt) WCAG AA × Fail

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 37.9659, 30.3766, 42.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

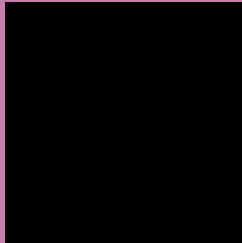
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9659, 30.3766, 42.3903

Background



This preview shows how black text looks on a background with the XYZ color 37.9659, 30.3766, 42.3903.



This preview shows how white text looks on a background with the XYZ color 37.9659, 30.3766,

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

37.9659, 30.3766, 42.3903

Protanopia

30.5545, 30.7064, 49.6639

Deuteranopia

31.0571, 30.4528, 41.2869



Tritanopia

35.5515, 30.4013, 30.3798

Trichromacy



Original Color

37.9659, 30.3766, 42.3903

Protanomaly

32.7100, 30.2821, 46.7688

Deuteranomaly

33.3341, 30.2787, 41.6236

Tritanomaly

36.3321, 30.3050, 34.5064

Monochromacy



Original Color

37.9659, 30.3766, 42.3903

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.8327, 31.2239, 37.5540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9659, 30.3766, 42.3903 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(196, 129, 171)` looks like.

```
.text, #text, p{  
    color:rgb(196, 129, 171)  
}
```

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(196, 129, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 129, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.9659, 30.3766, 42.3903 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(196, 129, 171) }
```


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

```
.border{ border-color:rgb(196, 129, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 129, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 129, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 129, 171);  
box-shadow:4px 4px 4px 4px rgb(196, 129,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9659, 30.3766, 42.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 129, 171) }
```

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

```
.background{ background-color: rgb(196,  
129, 171) }
```

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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