

Converting Colors

XYZ(39.1119, 30.4393, 41.4896)

Have a look what the booklet for
XYZ(39.1119, 30.4393, 41.4896)
contains.

XYZ(38.9794, 30.3428, 41.3384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.9794, 30.3428,
41.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7EA9
RGB	202, 126, 169
RGB Percent	79%, 49%, 66%
CMY	0.2078, 0.5059, 0.3373
CMYK	0.00, 0.38, 0.16, 0.21
HSL	326°, 42%, 64%
HSV	326°, 38%, 79%
XYZ	38.9794, 30.3428, 41.3384
YIQ	153.6260, 31.4930, 29.4850

Conversions

Conversions Part 2

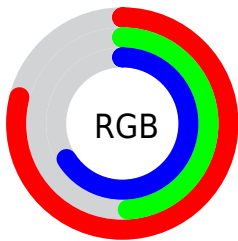
Format	Color
R _Y B	202, 126, 169
Decimal	13270697
CIE Lab	61.95, 35.49, -10.43
CIE LCh	62, 36.993, 343.631
Yxy	30.3428, 0.3522, 0.2742
Android (android.graphics.Color)	4291460777 (0xFFCA7EA9)
YUV	153.6260, 7.5794, 42.4240
Hunter-Lab	55.0843, 29.9147, -5.9356

Details

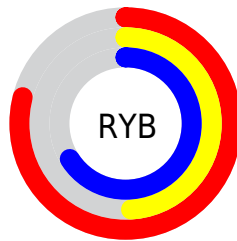
The XYZ color **38.9794, 30.3428, 41.3384** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.9840, 49.1808, 40.3994**, and the grayscale version is **30.5104, 32.0993, 34.9561**.

A 20% lighter version of the original color is **71.0158, 59.2843, 78.2211**, and **17.5810, 12.4275, 18.3017** is the 20% darker color. If you saturate the color by 10%, you get **35.8565, 25.3706, 36.3701**, and if you desaturate by 10%, it is **42.6809, 36.3829, 46.7728**.

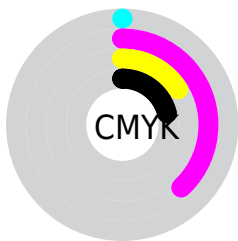
Distribution



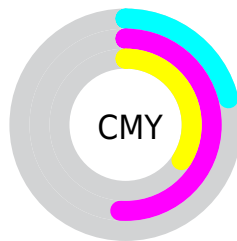
- Red (79%)
- Green (49%)
- Blue (66%)



- Red (79%)
- Yellow (49%)
- Blue (66%)



- Cyan (0%)
- Magenta (38%)
- Yellow (16%)
- Black (21%)





- Cyan (21%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9794, 30.3428, 41.3384 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 38.9794, 30.3428, 41.3384 by changing the saturation by 10% instead.

 38.9794, 30.3428,
41.3384


 38.9794, 30.3428,
41.3384

333.0116,
303.4991, 367.4514


 26.9244, 20.0989,
28.2619


 72.9011, 60.2039,
78.4566

 17.6527, 12.4670,
18.2824


 95.4985, 80.5899,
103.3353

 10.7991, 7.0625,
10.9814


 122.3407,
105.1254, 132.9853

 5.9982, 3.5012,
5.9403

153.7931,
134.1947, 167.8249

 2.8846, 1.3987,
2.7406

190.2210,
168.1824, 208.2728

 1.0931, 0.2158,
0.9638

231.9898,

 0.0193, 0.0000,

207.4728, 254.7475

0.0000

279.4649,
252.4502, 307.6675

■ 0.0000, 0.0000,
0.0000

■ 38.9794, 30.3428,
41.3384

■ 38.9794, 30.3428,
41.3384

■ 35.8565, 25.3706,
36.3701

■ 42.6809, 36.3829,
46.7728

■ 33.2768, 21.3986,
31.8498

■ 46.9882, 43.5449,
52.6866

■ 31.2051, 18.3575,
27.7608

■ 51.9300, 51.8844,
59.0946

■ 29.6006, 16.1679,
24.0836

■ 57.5325, 61.4518,
66.0105

■ 28.4159, 14.7364,
20.7967

■ 63.8201, 72.2946,
73.4473

■ 27.5835, 13.9306,
17.8715

■ 70.8162, 84.4579,
81.4172

■ 27.4108, 13.7781,
17.2195

■ 74.4567, 89.8124,
88.5702

■ 75.7229, 90.3189,
95.2379

■ 77.0520, 90.8505,
102.2369

Harmonies

Analogous

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



35.9251, 30.3428, 56.9799



38.9794, 30.3428, 41.3384



39.1235, 30.3428, 27.0166

Triad

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



38.9794, 30.3428, 41.3384



26.6526, 30.3428, 12.9848



22.4799, 30.3428, 55.6649

Complementary

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



38.9794, 30.3428, 41.3384



35.9840, 49.1808, 40.3994

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.



20.5375, 30.3428, 39.8939



38.9794, 30.3428, 41.3384



22.7535, 30.3428, 16.9645

Square

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



38.9794, 30.3428, 41.3384



31.6087, 30.3428, 13.1666



20.6315, 30.3428, 25.9307



26.2378, 30.3428, 66.7359

Rectangle

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



38.9794, 30.3428, 41.3384



37.5208, 30.3428, 20.1146



20.6315, 30.3428, 25.9307



21.6133, 30.3428, 50.5688

Sweetspot

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



38.9803, 30.3442, 41.3390



84.8459, 82.6310, 96.1289



32.4077, 26.5517, 59.2945



17.9119, 17.2665, 20.2544



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.



38.9803, 30.3442, 41.3390



61.6948, 44.5054, 63.2050



35.9204, 29.1202, 25.2256



11.4737, 11.3182, 13.0292



17.6839, 8.8841, 11.3197



0.9500, 0.4734, 0.7823

Inverse Universe

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



38.9803, 30.3442, 41.3390



61.6948, 44.5054, 63.2050



39.7961, 50.7056, 60.4736



11.4737, 11.3182, 13.0292



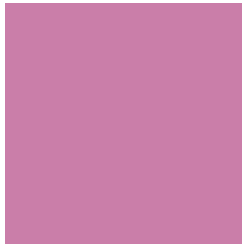
17.6839, 8.8841, 11.3197



0.9500, 0.4734, 0.7823

Previews

White Background



This preview shows how the XYZ color 38.9794, 30.3428, 41.3384 looks on a white background.

Color Contrast Check

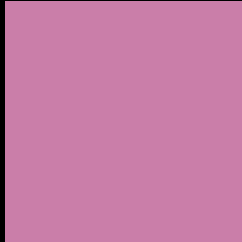
Large Text (above 18pt) WCAG AA × Fail

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 38.9794, 30.3428, 41.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

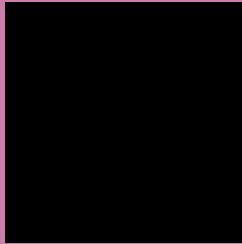
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9794, 30.3428, 41.3384

Background



This preview shows how black text looks on a background with the XYZ color 38.9794, 30.3428, 41.3384.



This preview shows how white text looks on a background with the XYZ color 38.9794, 30.3428,

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

38.9794, 30.3428, 41.3384

Protanopia

30.5545, 30.7064, 49.6639

Deuteranopia

31.1710, 30.5435, 39.8499



Tritanopia

36.4772, 30.2978, 29.1248

Trichromacy



Original Color

38.9794, 30.3428, 41.3384

Protanomaly

32.9714, 30.1969, 46.7386

Deuteranomaly

33.5711, 30.2171, 40.1395

Tritanomaly

37.2556, 30.2142, 33.1465

Monochromacy



Original Color

38.9794, 30.3428, 41.3384

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.0259, 31.1076, 37.0646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9794, 30.3428, 41.3384 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(202, 126, 169)` looks like.

```
.text, #text, p{  
    color:rgb(202, 126, 169)  
}
```

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(202, 126, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 126, 169) }
```

Border

The CSS property to change the border of an element to XYZ 38.9794, 30.3428, 41.3384 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(202, 126, 169) }
```


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

```
.border{ border-color:rgb(202, 126, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 126, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 126, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 126, 169);  
box-shadow:4px 4px 4px 4px rgb(202, 126,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9794, 30.3428, 41.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 126, 169) }
```

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

```
.background{ background-color: rgb(202,  
126, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor