

Converting Colors

XYZ(39.5149, 30.8253, 39.1705)

Have a look what the booklet for
XYZ(39.5149, 30.8253, 39.1705)
contains.

XYZ(39.4670, 30.8382, 38.9942)	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(39.4670, 30.8382,
38.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7FA4
RGB	205, 127, 164
RGB Percent	80%, 50%, 64%
CMY	0.1961, 0.5019, 0.3569
CMYK	0.00, 0.38, 0.20, 0.20
HSL	332°, 44%, 65%
HSV	332°, 38%, 80%
XYZ	39.4670, 30.8382, 38.9942
YIQ	154.5400, 34.6110, 28.0430

Conversions

Conversions Part 2

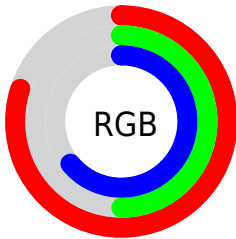
Format	Color
R _Y B	205, 127, 164
Decimal	13467556
CIE Lab	62.37, 35.22, -6.91
CIE LCh	62, 35.888, 348.904
Yxy	30.8382, 0.3611, 0.2821
Android (android.graphics.Color)	4291657636 (0xFFCD7FA4)
YUV	154.5400, 4.6638, 44.2534
Hunter-Lab	55.5322, 29.6796, -2.7604

Details

The XYZ color **39.4670, 30.8382, 38.9942** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.6529, 51.0026, 44.9081**, and the grayscale version is **30.9228, 32.5332, 35.4287**.

A 20% lighter version of the original color is **70.5501, 59.4222, 74.7691**, and **17.9035, 12.7283, 16.8424** is the 20% darker color. If you saturate the color by 10%, you get **36.1515, 25.6990, 33.2894**, and if you desaturate by 10%, it is **43.4054, 37.0905, 45.3142**.

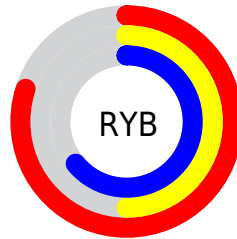
Distribution



Red (80%)

Green (50%)

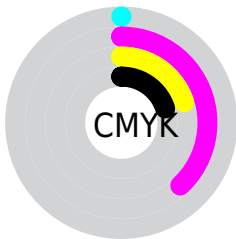
Blue (64%)



Red (80%)

Yellow (50%)

Blue (64%)

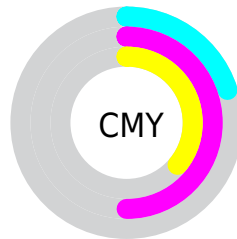


Cyan (0%)

Magenta (38%)

Yellow (20%)

Black (20%)



Cyan (20%)


Magenta (50%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4670, 30.8382, 38.9942 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 39.4670, 30.8382, 38.9942 by changing the saturation by 10% instead.


 39.4670, 30.8382,
38.9942


 39.4670, 30.8382,
38.9942


335.0450,
305.7922, 357.2911

 27.3056, 20.4757,
26.4474


 73.6407, 60.9852,
74.8497

 17.9406, 12.7413,
16.9299


 96.3837, 81.5385,
98.9955

 11.0068, 7.2506,
10.0231


 123.3846,
106.2576, 127.8447

 6.1387, 3.6193,
5.3085

155.0087,
135.5267, 161.8159

 2.9711, 1.4630,
2.3675

191.6215,
169.7303, 201.3276

 1.1385, 0.2625,
0.7687

233.5882,

 0.0570, 0.0000,

209.2529, 246.7983

0.0000

281.2743,
254.4787, 298.6466

■ 0.0000, 0.0000,
0.0000

■ 39.4670, 30.8382,
38.9942

■ 39.4670, 30.8382,
38.9942

■ 36.1515, 25.6990,
33.2894

■ 43.4054, 37.0905,
45.3142

■ 33.4214, 21.6021,
28.1762

■ 47.9960, 44.5126,
52.2679

■ 31.2388, 18.4750,
23.6319


■ 53.2697, 53.1625,
59.8751


■ 29.5603, 16.2343,
19.6313


■ 59.2541, 63.0929,
68.1544


■ 28.3351, 14.7819,
16.1458

■ 65.9757, 74.3537,
77.1230


 27.4890, 13.9736,
13.1390

 73.4594, 86.9918,
86.7981

 27.3457, 13.8467,
12.5990

 76.5812, 90.7569,
95.4797

 78.2253, 91.4145,
104.1375

 78.9869, 91.7192,
108.1483

Harmonies

Analogous

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



36.9296, 30.8382, 54.4129



39.4670, 30.8382, 38.9942



39.0669, 30.8382, 25.6340

Triad

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



39.4670, 30.8382, 38.9942



26.3871, 30.8382, 14.0935



23.5890, 30.8382, 58.0450

Complementary

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



39.4670, 30.8382, 38.9942



37.6529, 51.0026, 44.9081

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.



21.3313, 30.8382, 43.0129



39.4670, 30.8382, 38.9942



22.8192, 30.8382, 18.8828

Square

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



39.4670, 30.8382, 38.9942



31.1457, 30.8382, 13.5715



21.0660, 30.8382, 28.6873



27.5494, 30.8382, 67.2693

Rectangle

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



39.4670, 30.8382, 38.9942



37.1983, 30.8382, 19.4220



21.0660, 30.8382, 28.6873



22.6254, 30.8382, 53.3384

Sweetspot

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



39.4679, 30.8397, 38.9948



84.4615, 82.4773, 94.1049



34.6099, 27.8364, 61.3066



17.8203, 17.2298, 19.7722



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.



39.4679, 30.8397, 38.9948



59.9490, 43.2164, 55.8326



36.7671, 30.0297, 23.9389



11.4302, 11.3008, 12.7998



17.0710, 8.6390, 8.0927



0.9189, 0.4610, 0.6190

Inverse Universe

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



39.4679, 30.8397, 38.9948



59.9490, 43.2164, 55.8326



41.2944, 51.9637, 65.6114



11.4302, 11.3008, 12.7998



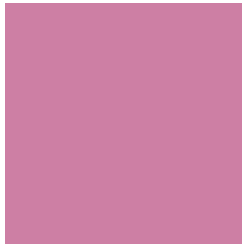
17.0710, 8.6390, 8.0927



0.9189, 0.4610, 0.6190

Previews

White Background



This preview shows how the XYZ color 39.4670, 30.8382, 38.9942 looks on a white background.

Color Contrast Check

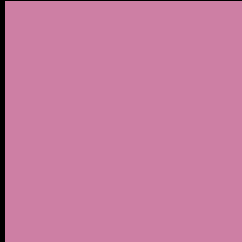
Large Text (above 18pt) WCAG AA × Fail

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 39.4670, 30.8382, 38.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

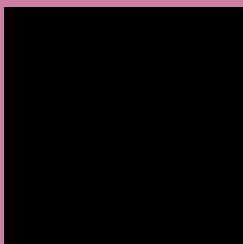
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4670, 30.8382, 38.9942

Background



This preview shows how black text looks on a background with the XYZ color 39.4670, 30.8382, 38.9942.



This preview shows how white text looks on a background with the XYZ color 39.4670, 30.8382,

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

39.4670, 30.8382, 38.9942

Protanopia

30.7201, 31.0871, 47.0291

Deuteranopia

31.6792, 31.0869, 37.5884



Tritanopia

37.5526, 30.8522, 29.1751

Trichromacy



Original Color

39.4670, 30.8382, 38.9942

Protanomaly

33.2493, 30.6175, 44.2017

Deuteranomaly

34.1712, 30.7944, 37.8611

Tritanomaly

38.3093, 30.9726, 32.3930

Monochromacy



Original Color

39.4670, 30.8382, 38.9942

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.5305, 31.6037, 36.6806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4670, 30.8382, 38.9942 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(205, 127, 164)` looks like.

```
.text, #text, p{  
    color:rgb(205, 127, 164)  
}
```

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(205, 127, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 127, 164) }
```

Border

The CSS property to change the border of an element to XYZ 39.4670, 30.8382, 38.9942 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(205, 127, 164) }
```


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

```
.border{ border-color:rgb(205, 127, 164) }
```

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

Here you see how a box with a 4 pixel rgb(205, 127, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 127, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 127, 164);  
box-shadow:4px 4px 4px 4px rgb(205, 127,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4670, 30.8382, 38.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 127, 164) }
```

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

```
.background{ background-color: rgb(205,  
127, 164) }
```

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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