

Converting Colors

XYZ(39.4328, 31.0332, 49.5048)

Have a look what the booklet for
XYZ(39.4328, 31.0332, 49.5048)
contains.

XYZ(39.2669, 30.8970, 49.2415)	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(39.2669, 30.8970,
49.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	C481B8
RGB	196, 129, 184
RGB Percent	77%, 51%, 72%
CMY	0.2314, 0.4941, 0.2784
CMYK	0.00, 0.34, 0.06, 0.23
HSL	311°, 36%, 64%
HSV	311°, 34%, 77%
XYZ	39.2669, 30.8970, 49.2415
YIQ	155.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

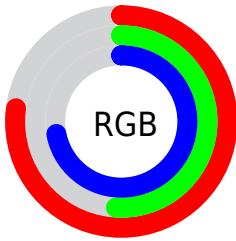
Format	Color
R _Y B	196, 129, 184
Decimal	12878264
CIE _{Lab}	62.42, 34.37, -18.31
CIE _{LCh}	62, 38.943, 331.958
Yxy	30.8970, 0.3289, 0.2588
Android (android.graphics.Color)	4291068344 (0xFFC481B8)
YUV	155.3030, 14.1476, 35.6913
Hunter-Lab	55.5851, 28.8237, -13.6141

Details

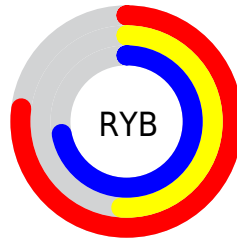
The XYZ color **39.2669, 30.8970, 49.2415** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.6022, 46.0710, 32.3228**, and the grayscale version is **31.2231, 32.8492, 35.7727**.

A 20% lighter version of the original color is **73.5347, 61.2291, 90.3808**, and **17.8056, 12.7502, 22.9953** is the 20% darker color. If you saturate the color by 10%, you get **36.5653, 26.0750, 46.5480**, and if you desaturate by 10%, it is **42.4747, 36.7158, 52.1495**.

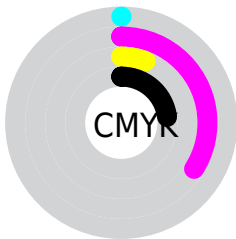
Distribution



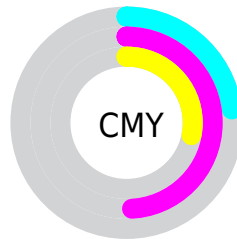
- Red (77%)
- Green (51%)
- Blue (72%)



- Red (77%)
- Yellow (51%)
- Blue (72%)



- Cyan (0%)
- Magenta (34%)
- Yellow (6%)
- Black (23%)




- Cyan (23%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2669, 30.8970, 49.2415 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 39.2669, 30.8970, 49.2415 by changing the saturation by 10% instead.


 39.2669, 30.8970,
49.2415


 39.2669, 30.8970,
49.2415


334.2116,
306.0635, 400.3420


 27.1491, 20.5204,
34.4441


 73.3373, 61.0779,
90.4347

 17.8224, 12.7739,
22.9549


 96.0207, 81.6510,
117.6677

 10.9215, 7.2730,
14.3552


 122.9565,
106.3917, 149.8829

 6.0809, 3.6334,
8.2266

154.5103,
135.6844, 187.4989

 2.9355, 1.4707,
4.1504

191.0474,
169.9136, 230.9343

 1.1197, 0.2680,
1.7082

232.9330,

 0.0415, 0.0000,

209.4636, 280.6076

0.3664

280.5326,
254.7187, 336.9373

■ 0.0000, 0.0000,
0.0000

■ 39.2669, 30.8970,
49.2415

■ 39.2669, 30.8970,
49.2415

■ 36.5653, 26.0750,
46.5480

■ 42.4747, 36.7158,
52.1495

■ 34.3386, 22.1888,
44.0572

■ 46.2121, 43.5795,
55.2790

■ 32.5564, 19.1771,
41.7590

■ 50.5043, 51.5381,
58.6392

■ 31.1835, 16.9698,
39.6413

■ 55.3743, 60.6373,
62.2380

■ 30.1793, 15.4857,
37.6903

■ 60.8436, 70.9201,
66.0829

■ 29.4947, 14.6267,
35.8892

■ 66.9326, 82.4272,
70.1810

■ 29.1888, 14.3053,
34.8919

■ 69.9813, 87.8383,
73.3125

■ 70.4197, 88.0137,
75.6213

■ 70.8678, 88.1929,
77.9807

Harmonies

Analogous

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



35.0733, 30.8970, 64.8227



39.2669, 30.8970, 49.2415



40.7236, 30.8970, 32.6582

Triad

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



39.2669, 30.8970, 49.2415



29.0213, 30.8970, 12.1500



21.5694, 30.8970, 51.4924

Complementary

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



39.2669, 30.8970, 49.2415



33.6022, 46.0710, 32.3228

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.



20.3458, 30.8970, 34.6445



39.2669, 30.8970, 49.2415



24.3153, 30.8970, 14.5145

Square

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



39.2669, 30.8970, 49.2415



34.4015, 30.8970, 13.9548



21.2883, 30.8970, 21.7426



24.8487, 30.8970, 66.3726

Rectangle

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



39.2669, 30.8970, 49.2415



39.8221, 30.8970, 23.9007



21.2883, 30.8970, 21.7426



20.9230, 30.8970, 45.7238

Sweetspot

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



39.2679, 30.8984, 49.2421



86.7211, 84.5050, 102.5389



28.6588, 25.2777, 55.5936



18.3296, 17.6576, 21.7638



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.



39.2679, 30.8984, 49.2421



67.3984, 49.2886, 85.5267



36.2294, 29.6830, 33.2417



10.4174, 10.2156, 12.2884



18.7838, 9.2033, 22.5714



0.8323, 0.4059, 1.0843

Inverse Universe

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



39.2679, 30.8984, 49.2421



67.3984, 49.2886, 85.5267



36.4018, 47.1908, 47.0655



10.4174, 10.2156, 12.2884



18.7838, 9.2033, 22.5714



0.8323, 0.4059, 1.0843

Previews

White Background



This preview shows how the XYZ color 39.2669, 30.8970, 49.2415 looks on a white background.

Color Contrast Check

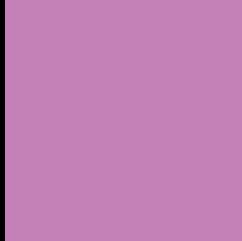
Large Text (above 18pt) WCAG AA × Fail

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 39.2669, 30.8970, 49.2415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

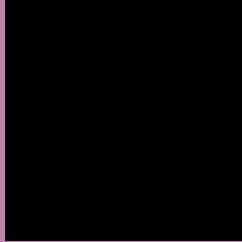
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2669, 30.8970, 49.2415

Background



This preview shows how black text looks on a background with the XYZ color 39.2669, 30.8970, 49.2415.



This preview shows how white text looks on a background with the XYZ color 39.2669, 30.8970,

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

39.2669, 30.8970, 49.2415

Protanopia

31.6964, 31.3395, 58.4114

Deuteranopia

31.8793, 31.1914, 48.0564



Tritanopia

35.5565, 30.7913, 31.6730

Trichromacy



Original Color

39.2669, 30.8970, 49.2415

Protanomaly

33.7087, 30.6120, 55.1710

Deuteranomaly

34.1168, 30.7520, 48.3935

Tritanomaly

36.7250, 30.6506, 37.2382

Monochromacy



Original Color

39.2669, 30.8970, 49.2415

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.7394, 31.8570, 40.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2669, 30.8970, 49.2415 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(196, 129, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 129, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.2669, 30.8970, 49.2415 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, 184) }
```


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

```
.border{ border-color:rgb(196, 129, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 129, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 129, 184);  
box-shadow:4px 4px 4px 4px rgb(196, 129,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2669, 30.8970, 49.2415 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, 184) }
```

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

```
.background{ background-color: rgb(196,  
129, 184) }
```

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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