

Converting Colors

XYZ(39.2872, 30.8043, 49.4195)

Have a look what the booklet for
XYZ(39.2872, 30.8043, 49.4195)
contains.

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Color

**XYZ(39.1359, 30.6348,
49.1978)**

Conversions

Conversions Part 1

Format	Color
Hex	C480B8
RGB	196, 128, 184
RGB Percent	77%, 50%, 72%
CMY	0.2314, 0.4980, 0.2784
CMYK	0.00, 0.35, 0.06, 0.23
HSL	311°, 37%, 64%
HSV	311°, 35%, 77%
XYZ	39.1359, 30.6348, 49.1978
YIQ	154.7160, 22.5520, 31.8320

Conversions

Conversions Part 2

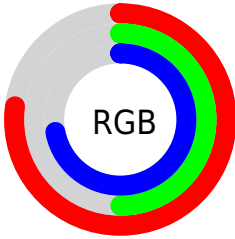
Format	Color
R _Y B	196, 128, 184
Decimal	12878008
CIE Lab	62.20, 34.92, -18.65
CIE LCh	62, 39.583, 331.896
Yxy	30.6348, 0.3290, 0.2575
Android (android.graphics.Color)	4291068088 (0xFFC480B8)
YUV	154.7160, 14.4370, 36.2061
Hunter-Lab	55.3487, 29.3533, -13.9570

Details

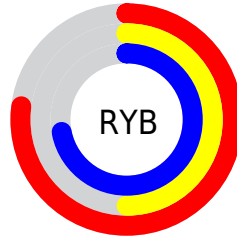
The XYZ color **39.1359, 30.6348, 49.1978** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.3770, 45.9636, 31.9256**, and the grayscale version is **30.9624, 32.5749, 35.4740**.

A 20% lighter version of the original color is **73.3292, 60.8180, 90.3123**, and **17.7351, 12.6092, 22.9718** is the 20% darker color. If you saturate the color by 10%, you get **36.4641, 25.8640, 46.5402**, and if you desaturate by 10%, it is **42.3122, 36.3995, 52.0680**.

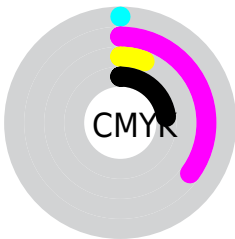
Distribution



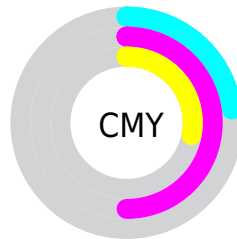
- Red (77%)
- Green (50%)
- Blue (72%)



- Red (77%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (6%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1359, 30.6348, 49.1978 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 39.1359, 30.6348, 49.1978 by changing the saturation by 10% instead.


 39.1359, 30.6348,
49.1978


 39.1359, 30.6348,
49.1978

333.6652,
304.8523, 400.1653


 27.0467, 20.3209,
34.4097


 73.1386, 60.6646,
90.3692

 17.7450, 12.6285,
22.9286


 95.7828, 81.1494,
117.5896

 10.8657, 7.1733,
14.3360


 122.6761,
105.7932, 149.7911

 6.0432, 3.5707,
8.2133

154.1837,
134.9805, 187.3924

 2.9123, 1.4364,
4.1420

190.6710,
169.0957, 230.8119

 1.1075, 0.2433,
1.7036

232.5035,

 0.0314, 0.0000,

208.5231, 280.4682

0.3632

280.0464,
253.6472, 336.7798

■ 0.0000, 0.0000,
0.0000

■ 39.1359, 30.6348,
49.1978

■ 39.1359, 30.6348,
49.1978

■ 36.4641, 25.8640,
46.5402

■ 42.3122, 36.3995,
52.0680

■ 34.2654, 22.0258,
44.0835

■ 46.0166, 43.2065,
55.1579

■ 32.5093, 19.0587,
41.8173

■ 50.2744, 51.1059,
58.4766

■ 31.1603, 16.8919,
39.7298

■ 55.1085, 60.1435,
62.0321

■ 30.1774, 15.4438,
37.8068

■ 60.5406, 70.3625,
65.8319

■ 29.5111, 14.6150,
36.0314

■ 66.5911, 81.8036,
69.8831

■ 29.2345, 14.3236,
35.1318

■ 69.9369, 87.8206,
73.0783

■ 70.3679, 87.9930,
75.3476

■ 70.8082, 88.1691,
77.6662

Harmonies

Analogous

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



34.8810, 30.6348, 65.0326



39.1359, 30.6348, 49.1978



40.6205, 30.6348, 32.3934

Triad

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



39.1359, 30.6348, 49.1978



28.7793, 30.6348, 11.7665



21.2476, 30.6348, 51.4119

Complementary

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



39.1359, 30.6348, 49.1978



33.3770, 45.9636, 31.9256

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.



20.0211, 30.6348, 34.3377



39.1359, 30.6348, 49.1978



24.0266, 30.6348, 14.1139

Square

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



39.1359, 30.6348, 49.1978



34.2221, 30.6348, 13.5731



20.9737, 30.6348, 21.3424



24.5475, 30.6348, 66.5615

Rectangle

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



39.1359, 30.6348, 49.1978



39.7105, 30.6348, 23.5557



20.9737, 30.6348, 21.3424



20.5987, 30.6348, 45.5555

Sweetspot

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



39.1369, 30.6362, 49.1984



86.7316, 84.5092, 102.5944



28.3876, 24.9431, 55.5436



18.3322, 17.6586, 21.7773



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.



39.1369, 30.6362, 49.1984



66.9688, 48.4703, 85.2578



36.0442, 29.3991, 32.9127



10.4185, 10.2160, 12.2945



18.8127, 9.2148, 22.7237



0.8333, 0.4063, 1.0897

Inverse Universe

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



39.1369, 30.6362, 49.1984



66.9688, 48.4703, 85.2578



36.2183, 47.1001, 46.8880



10.4185, 10.2160, 12.2945



18.8127, 9.2148, 22.7237



0.8333, 0.4063, 1.0897

Previews

White Background



This preview shows how the XYZ color 39.1359, 30.6348, 49.1978 looks on a white background.

Color Contrast Check

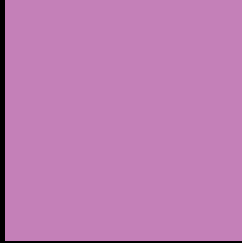
Large Text (above 18pt) WCAG AA × Fail

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 39.1359, 30.6348, 49.1978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

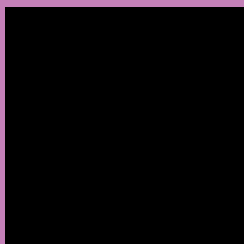
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1359, 30.6348, 49.1978

Background



This preview shows how black text looks on a background with the XYZ color 39.1359, 30.6348, 49.1978.



This preview shows how white text looks on a background with the XYZ color 39.1359, 30.6348,

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

39.1359, 30.6348, 49.1978

Protanopia

31.3728, 30.9368, 58.3507

Deuteranopia

31.4344, 30.7420, 47.4570



Tritanopia

35.3381, 30.4796, 31.2148

Trichromacy



Original Color

39.1359, 30.6348, 49.1978

Protanomaly

33.3630, 30.2139, 55.1124

Deuteranomaly

33.6549, 30.3079, 47.7923

Tritanomaly

36.5887, 30.3780, 37.1928

Monochromacy



Original Color

39.1359, 30.6348, 49.1978

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.5859, 31.5500, 40.3960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1359, 30.6348, 49.1978 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, 128, 184)` looks like.

```
.text, #text, p{  
    color:rgb(196, 128, 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, 128, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 128, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.1359, 30.6348, 49.1978 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, 128, 184) }
```


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

```
.border{ border-color:rgb(196, 128, 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, 128, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 128, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 128, 184);  
box-shadow:4px 4px 4px 4px rgb(196, 128,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1359, 30.6348, 49.1978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 128, 184) }
```

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

```
.background{ background-color: rgb(196,  
128, 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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