

Converting Colors

XYZ(38.9850, 39.2946, 49.9636)

Have a look what the booklet for
XYZ(38.9850, 39.2946, 49.9636)
contains.

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Color

**XYZ(39.0930, 39.4205,
49.8045)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA6B6
RGB	172, 166, 182
RGB Percent	67%, 65%, 71%
CMY	0.3255, 0.3490, 0.2863
CMYK	0.05, 0.09, 0.00, 0.29
HSL	262°, 10%, 68%
HSV	262°, 9%, 71%
XYZ	39.0930, 39.4205, 49.8045
YIQ	169.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

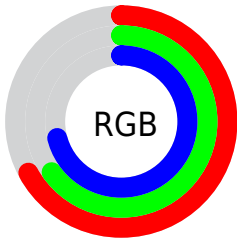
Format	Color
R_{YB}	172, 166, 182
Decimal	11314870
CIE Lab	69.05, 5.23, -7.45
CIE LCh	69, 9.102, 305.035
Yxy	39.4205, 0.3047, 0.3072
Android (android.graphics.Color)	4289504950 (0xFFACA6B6)
YUV	169.6180, 6.1043, 2.0890
Hunter-Lab	62.7857, 1.2664, -3.0815

Details

The XYZ color **39.0930, 39.4205, 49.8045** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5168, 45.4402, 42.6610**, and the grayscale version is **37.9906, 39.9690, 43.5263**.

A 20% lighter version of the original color is **72.9676, 74.2168, 91.3684**, and **17.7255, 17.6127, 23.2342** is the 20% darker color. If you saturate the color by 10%, you get **33.6252, 32.0339, 48.6675**, and if you desaturate by 10%, it is **45.2451, 47.8570, 51.1093**.

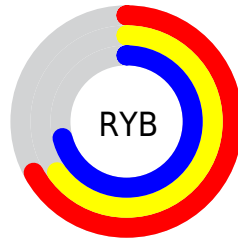
Distribution



Red (67%)

Green (65%)

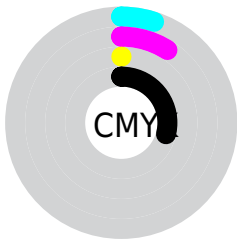
Blue (71%)



Red (67%)

Yellow (65%)

Blue (71%)

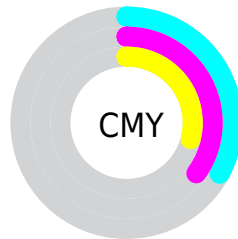


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0930, 39.4205, 49.8045 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 39.0930, 39.4205, 49.8045 by changing the saturation by 10% instead.

■ 39.0930, 39.4205,
49.8045

■ 39.0930, 39.4205,
49.8045

333.4861,
343.6750, 402.6141

■ 27.0131, 27.0870,
34.8880

■ 73.0735, 74.2803,
91.2785

■ 17.7197, 17.6386,
23.2937

■ 95.7049, 97.5753,
118.6730

■ 10.8474, 10.6908,
14.6032

122.5842,
125.2930, 151.0640

■ 6.0309, 5.8593,
8.3979

154.0766,
157.8178, 188.8699

■ 2.9047, 2.7597,
4.2592

190.5477,
195.5339, 232.5093

■ 1.1036, 1.0076,
1.7686

232.3628,

■ 0.0281, 0.0000,

238.8259, 282.4008

0.4071

279.8871,
288.0781, 338.9629

■ 0.0000, 0.0000,
0.0000

■ 39.0930, 39.4205,
49.8045

■ 39.0930, 39.4205,
49.8045

■ 33.6252, 32.0339,
48.6675

■ 45.2451, 47.8570,
51.1093

■ 28.8134, 25.6504,
47.6890

■ 52.1015, 57.3780,
52.5856

■ 24.6322, 20.2269,
46.8625

■ 59.6859, 68.0224,
54.2405

■ 21.0532, 15.7152,
46.1803

■ 68.0196, 79.8258,
56.0795

■ 18.0457, 12.0629,
45.6339

■ 76.4801, 91.5366,
57.8940

■ 15.5759, 9.2119,
45.2137

■ 80.2278, 93.4686,
58.0694

■ 13.6063, 7.0967,
44.9093

■ 84.2178, 95.5255,
58.2561

■ 12.0932, 5.6409,
44.7080

■ 85.4436, 96.1574,
58.3135

■ 10.9653, 4.7129,
44.5884

Harmonies

Analogous

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



37.7135, 39.4205, 51.3860



39.0930, 39.4205, 49.8045



40.0553, 39.4205, 46.3846

Triad

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



39.0930, 39.4205, 49.8045



38.6582, 39.4205, 36.0768



34.7563, 39.4205, 43.6275

Complementary

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



39.0930, 39.4205, 49.8045



41.5168, 45.4402, 42.6610

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.



34.9946, 39.4205, 39.6366



39.0930, 39.4205, 49.8045



37.2236, 39.4205, 35.4429

Square

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



39.0930, 39.4205, 49.8045



39.7998, 39.4205, 38.4956



35.8887, 39.4205, 36.7051



35.2291, 39.4205, 47.6758

Rectangle

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



39.0930, 39.4205, 49.8045



40.3175, 39.4205, 43.6177



35.8887, 39.4205, 36.7051



34.7560, 39.4205, 42.2342

Sweetspot

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



39.0942, 39.4222, 49.8054



77.1220, 80.0102, 91.6145



39.7223, 42.5887, 50.3835



16.8346, 17.3984, 20.1926



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0942, 39.4222, 49.8054



68.3892, 68.0909, 89.7741



40.8723, 40.3388, 49.8886



8.8307, 8.8791, 11.3278



7.7261, 3.2942, 31.4817



0.3419, 0.1520, 1.1131

Inverse Universe

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



40.7655, 40.3539, 46.7167



72.2015, 70.2169, 82.6888



39.7891, 44.5496, 42.5802



9.2343, 9.1041, 10.5811



15.7919, 7.8905, 12.0570



0.5857, 0.2897, 0.5775

Previews

White Background



This preview shows how the XYZ color 39.0930, 39.4205, 49.8045 looks on a white background.

Color Contrast Check

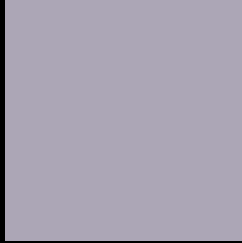
Large Text (above 18pt) WCAG AA × Fail

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 39.0930, 39.4205, 49.8045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

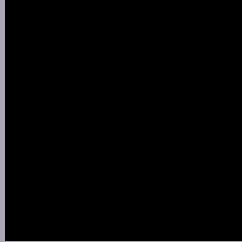
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0930, 39.4205, 49.8045

Background



This preview shows how black text looks on a background with the XYZ color 39.0930, 39.4205, 49.8045.



This preview shows how white text looks on a background with the XYZ color 39.0930, 39.4205,

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

39.0930, 39.4205, 49.8045

Protanopia

38.3023, 39.2718, 50.3612

Deuteranopia

40.0791, 39.3933, 49.7472



Tritanopia

38.8877, 39.3384, 48.7235

Trichromacy



Original Color

39.0930, 39.4205, 49.8045

Protanomaly

38.7281, 39.4913, 50.3811

Deuteranomaly

39.8031, 39.5178, 49.7858

Tritanomaly

38.9900, 39.3793, 49.2620

Monochromacy



Original Color

39.0930, 39.4205, 49.8045

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.6225, 40.0899, 45.7469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0930, 39.4205, 49.8045 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(172, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(172, 166, 182)  
}
```

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(172, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 166, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.0930, 39.4205, 49.8045 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(172, 166, 182) }
```


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

```
.border{ border-color:rgb(172, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(172, 166,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0930, 39.4205, 49.8045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 166, 182) }
```

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

```
.background{ background-color: rgb(172,  
166, 182) }
```

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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