

Converting Colors

XYZ(48.2130, 39.6646, 41.0306)

Have a look what the booklet for
XYZ(48.2130, 39.6646, 41.0306)
contains.

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Color

**XYZ(48.0571, 39.4679,
41.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	E093A6
RGB	224, 147, 166
RGB Percent	88%, 58%, 65%
CMY	0.1216, 0.4235, 0.3490
CMYK	0.00, 0.34, 0.26, 0.12
HSL	345°, 55%, 73%
HSV	345°, 34%, 88%
XYZ	48.0571, 39.4679, 41.1616
YIQ	172.1890, 39.7930, 22.2330

Conversions

Conversions Part 2

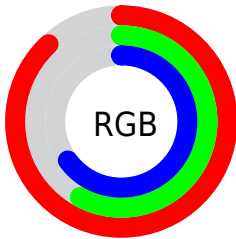
Format	Color
R _Y B	224, 147, 166
Decimal	14717862
CIE Lab	69.09, 31.57, 2.09
CIE LCh	69, 31.637, 3.791
Yxy	39.4679, 0.3734, 0.3067
Android (android.graphics.Color)	4292907942 (0xFFE093A6)
YUV	172.1890, -3.0512, 45.4382
Hunter-Lab	62.8235, 26.6033, 5.1300

Details

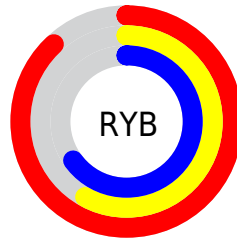
The XYZ color **48.0571, 39.4679, 41.1616** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7094, 63.9230, 67.4792**, and the grayscale version is **39.3102, 41.3574, 45.0382**.

A 20% lighter version of the original color is **75.4117, 68.7215, 77.6966**, and **23.0658, 17.6148, 18.1039** is the 20% darker color. If you saturate the color by 10%, you get **43.4593, 32.5889, 32.4868**, and if you desaturate by 10%, it is **53.5383, 47.7882, 51.1337**.

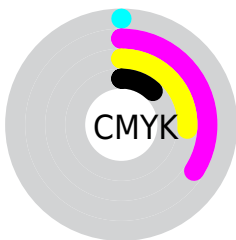
Distribution



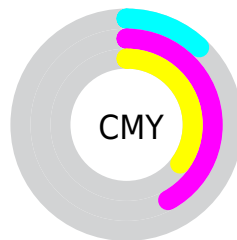
- Red (88%)
- Green (58%)
- Blue (65%)



- Red (88%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (12%)





- Cyan (12%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0571, 39.4679, 41.1616 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 48.0571, 39.4679, 41.1616 by changing the saturation by 10% instead.


 48.0571, 39.4679,
41.1616


 48.0571, 39.4679,
41.1616


369.5972,
343.8757, 366.6922

 34.0835, 27.1239,
28.1247

 86.4986, 74.3526,
78.1855

 23.1210, 17.6663,
18.1798


 111.6972, 97.6620,
103.0096

 14.8041, 10.7107,
10.9084


141.3683,
125.3955, 132.5998

 8.7674, 5.8726,
5.8919

175.8771,
157.9372, 167.3747

 4.6457, 2.7678,
2.7117

215.5891,
195.6718, 207.7529

 2.0735, 1.0117,
0.9493

260.8695,

 0.6747, 0.0000,

238.9834, 254.1528

0.0000

312.0838,
288.2566, 306.9931

■ 0.0000, 0.0000,
0.0000

■ 48.0571, 39.4679,
41.1616

■ 48.0571, 39.4679,
41.1616

■ 43.4593, 32.5889,
32.4868

■ 53.5383, 47.7882,
51.1337

■ 39.6944, 27.0635,
25.0525

■ 59.9435, 57.6198,
62.4520

■ 36.7114, 22.8028,
18.8010

■ 67.3145, 69.0348,
75.1655

■ 34.4524, 19.7053,
13.6686

■ 75.6897, 82.0993,
89.3202

■ 32.8508, 17.6533,
9.5855

■ 83.8139, 94.2927,
104.5295

■ 31.8266, 16.5041,
6.4726

■ 84.5505, 94.5873,
108.4086

■ 31.4365, 16.1257,
5.1033

Harmonies

Analogous

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



46.9141, 39.4679, 56.4589



48.0571, 39.4679, 41.1616



46.1730, 39.4679, 29.2916

Triad

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



48.0571, 39.4679, 41.1616



32.3688, 39.4679, 23.7620



33.3870, 39.4679, 73.0549

Complementary

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



48.0571, 39.4679, 41.1616



49.7094, 63.9230, 67.4792

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.



30.0099, 39.4679, 60.3651



48.0571, 39.4679, 41.1616



29.4601, 39.4679, 31.8276

Square

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



48.0571, 39.4679, 41.1616



36.8748, 39.4679, 20.7738



28.6365, 39.4679, 44.8385



38.1586, 39.4679, 77.1124

Rectangle

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



48.0571, 39.4679, 41.1616



43.5448, 39.4679, 24.2182



28.6365, 39.4679, 44.8385



32.0657, 39.4679, 69.5361

Sweetspot

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



48.0582, 39.4698, 41.1624



84.5078, 83.6197, 90.8840



48.9976, 39.1949, 75.5041



17.7942, 17.4434, 18.9443



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.



48.0582, 39.4698, 41.1624



60.0789, 46.3608, 46.9828



49.6900, 45.3191, 33.7347



13.8452, 13.7557, 14.9551



18.3368, 9.4017, 3.1733



1.3063, 0.6658, 0.4060

Inverse Universe

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



48.0582, 39.4698, 41.1624



60.0789, 46.3608, 46.9828



47.2602, 55.1293, 78.6713



13.8452, 13.7557, 14.9551



18.3368, 9.4017, 3.1733



1.3063, 0.6658, 0.4060

Previews

White Background



This preview shows how the XYZ color 48.0571, 39.4679, 41.1616 looks on a white background.

Color Contrast Check

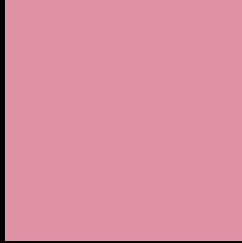
Large Text (above 18pt) WCAG AA × Fail

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 48.0571, 39.4679, 41.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

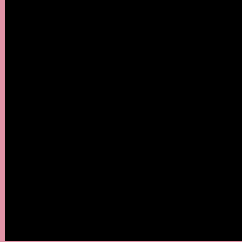
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0571, 39.4679, 41.1616

Background



This preview shows how black text looks on a background with the XYZ color 48.0571, 39.4679, 41.1616.



This preview shows how white text looks on a background with the XYZ color 48.0571, 39.4679,

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

48.0571, 39.4679, 41.1616

Protanopia

38.4007, 39.6546, 47.7497

Deuteranopia

40.4471, 39.5301, 40.1486



Tritanopia

47.2793, 39.3710, 37.9084

Trichromacy



Original Color

48.0571, 39.4679, 41.1616

Protanomaly

41.1971, 39.0164, 45.4040

Deuteranomaly

42.8452, 39.2118, 40.4324

Tritanomaly

47.5429, 39.4764, 39.2963

Monochromacy



Original Color

48.0571, 39.4679, 41.1616

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.8387, 40.1730, 43.5792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0571, 39.4679, 41.1616 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(224, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(224, 147, 166)  
}
```

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(224, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 147, 166) }
```

Border

The CSS property to change the border of an element to XYZ 48.0571, 39.4679, 41.1616 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(224, 147, 166) }
```


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

```
.border{ border-color:rgb(224, 147, 166) }
```

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

Here you see how a box with a 4 pixel rgb(224, 147, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(224, 147,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0571, 39.4679, 41.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 147, 166) }
```

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

```
.background{ background-color: rgb(224,  
147, 166) }
```

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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