

Converting Colors

XYZ(44.4611, 39.1196, 48.5930)

Have a look what the booklet for
XYZ(44.4611, 39.1196, 48.5930)
contains.

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Color

**XYZ(44.4224, 39.1030,
48.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9AB4
RGB	203, 154, 180
RGB Percent	80%, 60%, 71%
CMY	0.2039, 0.3961, 0.2941
CMYK	0.00, 0.24, 0.11, 0.20
HSL	328°, 32%, 70%
HSV	328°, 24%, 80%
XYZ	44.4224, 39.1030, 48.3863
YIQ	171.6150, 20.8580, 18.4740

Conversions

Conversions Part 2

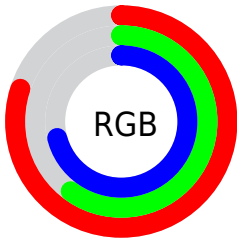
Format	Color
RYB	203, 154, 180
Decimal	13343412
CIELab	68.83, 22.39, -6.37
CIELCh	69, 23.283, 344.120
Yxy	39.1030, 0.3368, 0.2964
Android (android.graphics.Color)	4291533492 (0xFFCB9AB4)
YUV	171.6150, 4.1338, 27.5246
Hunter-Lab	62.5324, 17.3730, -2.1047

Details

The XYZ color **44.4224, 39.1030, 48.3863** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.6198, 52.7573, 49.5343**, and the grayscale version is **38.9916, 41.0222, 44.6731**.

A 20% lighter version of the original color is **79.1808, 72.9171, 89.2580**, and **20.7949, 17.3309, 22.3279** is the 20% darker color. If you saturate the color by 10%, you get **40.4136, 32.5855, 42.4241**, and if you desaturate by 10%, it is **49.0668, 46.7839, 54.8906**.

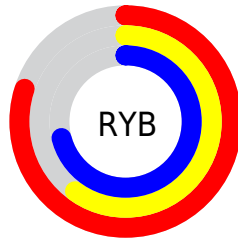
Distribution



Red (80%)

Green (60%)

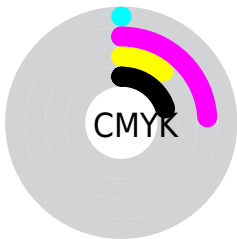
Blue (71%)



Red (80%)

Yellow (60%)

Blue (71%)

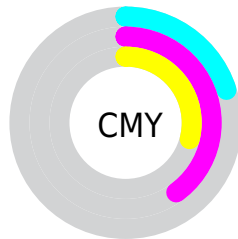


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4224, 39.1030, 48.3863 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 44.4224, 39.1030, 48.3863 by changing the saturation by 10% instead.


 44.4224, 39.1030,
48.3863


 44.4224, 39.1030,
48.3863


355.2524,
342.3282, 396.8741

 31.2021, 26.8399,
33.7707


 81.0954, 73.7956,
89.1508

 20.9053, 17.4530,
22.4416


 105.2788, 96.9939,
116.1369

 13.1669, 10.5580,
13.9803


133.8472,
124.6061, 148.0835

 7.6214, 5.7705,
7.9684

167.1660,
157.0164, 185.4092

 3.9034, 2.7060,
3.9872

205.6005,
194.6095, 228.5326

 1.6476, 0.9802,
1.6183

249.5162,

 0.4231, 0.0000,

237.7695, 277.8722

0.3039

299.2784,
286.8809, 333.8465

■ 0.0000, 0.0000,
0.0000

■ 44.4224, 39.1030,
48.3863

■ 44.4224, 39.1030,
48.3863

■ 40.4136, 32.5855,
42.4241

■ 49.0668, 46.7839,
54.8906

■ 37.0071, 27.1686,
36.9851

■ 54.3713, 55.6764,
61.9501

■ 34.1719, 22.7915,
32.0524

■ 60.3629, 65.8323,
69.5806

■ 31.8723, 19.3856,
27.6073

■ 67.0663, 77.2990,
77.7963

■ 30.0686, 16.8735,
23.6292

■ 74.3435, 89.7985,
86.5571

■ 28.7150, 15.1664,
20.0954

■ 75.7007, 90.3414,
93.7042

■ 27.7564, 14.1562,
16.9797

■ 77.1320, 90.9139,
101.2411

■ 27.3200, 13.7731,
15.3244

■ 78.4388, 91.4366,
108.1226

Harmonies

Analogous

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



42.3316, 39.1030, 58.9062



44.4224, 39.1030, 48.3863



44.4860, 39.1030, 37.8058

Triad

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



44.4224, 39.1030, 48.3863



35.4608, 39.1030, 25.7442



32.2986, 39.1030, 58.3598

Complementary

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



44.4224, 39.1030, 48.3863



42.6198, 52.7573, 49.5343

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.



30.6970, 39.1030, 47.7326



44.4224, 39.1030, 48.3863



32.4391, 39.1030, 29.5835

Square

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



44.4224, 39.1030, 48.3863



39.1430, 39.1030, 25.8599



30.7467, 39.1030, 37.2515



35.2571, 39.1030, 65.2830

Rectangle

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



44.4224, 39.1030, 48.3863



43.3596, 39.1030, 32.1584



30.7467, 39.1030, 37.2515



31.5926, 39.1030, 55.0319

Sweetspot

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



44.4235, 39.1048, 48.3871



88.2977, 88.6073, 100.1383



40.4378, 36.7565, 61.4638



18.7805, 18.7660, 21.2768



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.



44.4235, 39.1048, 48.3871



70.7302, 59.5106, 75.6678



42.1554, 38.1975, 36.4431



11.4569, 11.3115, 12.9406



17.4326, 8.7836, 9.9968



0.9375, 0.4684, 0.7167

Inverse Universe

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



44.4235, 39.1048, 48.3871



70.7302, 59.5106, 75.6678



45.2694, 53.8171, 63.4871



11.4569, 11.3115, 12.9406



17.4326, 8.7836, 9.9968



0.9375, 0.4684, 0.7167

Previews

White Background



This preview shows how the XYZ color 44.4224, 39.1030, 48.3863 looks on a white background.

Color Contrast Check

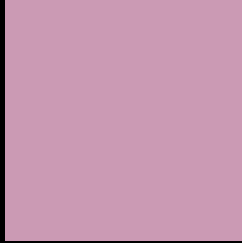
Large Text (above 18pt) WCAG AA × Fail

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 44.4224, 39.1030, 48.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

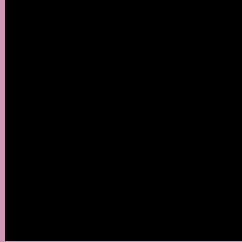
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4224, 39.1030, 48.3863

Background



This preview shows how black text looks on a background with the XYZ color 44.4224, 39.1030, 48.3863.



This preview shows how white text looks on a background with the XYZ color 44.4224, 39.1030,

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

44.4224, 39.1030, 48.3863

Protanopia

38.4129, 39.2676, 53.1318

Deuteranopia

39.9555, 39.1120, 47.5630



Tritanopia

43.3135, 39.1606, 42.3217

Trichromacy



Original Color

44.4224, 39.1030, 48.3863

Protanomaly

40.2677, 38.9271, 51.2903

Deuteranomaly

41.4465, 39.0877, 48.0080

Tritanomaly

43.5249, 38.9778, 44.2592

Monochromacy



Original Color

44.4224, 39.1030, 48.3863

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.7214, 40.0727, 46.1460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4224, 39.1030, 48.3863 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(203, 154, 180)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 180)  
}
```

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(203, 154, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.4224, 39.1030, 48.3863 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(203, 154, 180) }
```


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

```
.border{ border-color:rgb(203, 154, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 180);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4224, 39.1030, 48.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 180) }
```

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

```
.background{ background-color: rgb(203,  
154, 180) }
```

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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