

Converting Colors

XYZ(43.4109, 39.3444, 48.0844)

Have a look what the booklet for
XYZ(43.4109, 39.3444, 48.0844)
contains.

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Color

**XYZ(43.4824, 39.3744,
47.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	C69DB3
RGB	198, 157, 179
RGB Percent	78%, 62%, 70%
CMY	0.2235, 0.3843, 0.2980
CMYK	0.00, 0.21, 0.10, 0.22
HSL	328°, 26%, 70%
HSV	328°, 21%, 78%
XYZ	43.4824, 39.3744, 47.9561
YIQ	171.7670, 17.3740, 15.5340

Conversions

Conversions Part 2

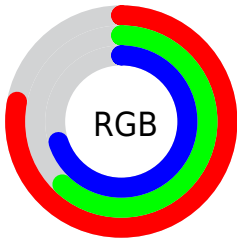
Format	Color
R _Y B	198, 157, 179
Decimal	13016499
CIE Lab	69.02, 18.79, -5.58
CIE LCh	69, 19.605, 343.466
Yxy	39.3744, 0.3324, 0.3010
Android (android.graphics.Color)	4291206579 (0xFFC69DB3)
YUV	171.7670, 3.5659, 23.0063
Hunter-Lab	62.7490, 13.8821, -1.3882

Details

The XYZ color **43.4824, 39.3744, 47.9561** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9368, 50.6920, 48.6509**, and the grayscale version is **39.0723, 41.1071, 44.7656**.

A 20% lighter version of the original color is **79.7789, 74.3451, 88.7425**, and **20.3191, 17.5388, 22.0531** is the 20% darker color. If you saturate the color by 10%, you get **39.5029, 32.8511, 42.2022**, and if you desaturate by 10%, it is **48.0688, 47.0116, 54.2180**.

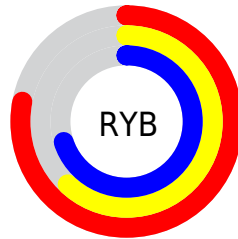
Distribution



Red (78%)

Green (62%)

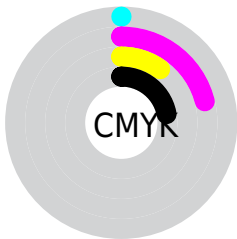
Blue (70%)



Red (78%)

Yellow (62%)

Blue (70%)

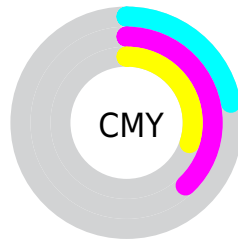


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4824, 39.3744, 47.9561 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 43.4824, 39.3744, 47.9561 by changing the saturation by 10% instead.


 43.4824, 39.3744,
47.9561

 43.4824, 39.3744,
47.9561

351.4799,
343.4797, 395.1218

 30.4600, 27.0511,
33.4324


 79.6895, 74.2099,
88.5039

 20.3378, 17.6116,
22.1841


 103.6049, 97.4910,
115.3651

 12.7505, 10.6715,
13.7926


131.8819,
125.1933, 147.1758

 7.3328, 5.8464,
7.8395

164.8860,
157.7015, 184.3546

 3.7192, 2.7519,
3.9061

202.9825,
195.3998, 227.3201

 1.5446, 1.0036,
1.5740

246.5367,

 0.3559, 0.0000,

238.6727, 276.4908

0.2721

295.9141,
287.9045, 332.2851

■ 0.0000, 0.0000,
0.0000

■ 43.4824, 39.3744,
47.9561

■ 43.4824, 39.3744,
47.9561

■ 39.5029, 32.8511,
42.2022

■ 48.0688, 47.0116,
54.2180

■ 36.0995, 27.3838,
36.9387

■ 53.2843, 55.8067,
60.9996

■ 33.2440, 22.9171,
32.1507

■ 59.1539, 65.8075,
68.3153

■ 30.9042, 19.3888,
27.8212

■ 65.7003, 77.0577,
76.1781

■ 29.0441, 16.7292,
23.9316

■ 72.6237, 88.9558,
84.4933

■ 27.6231, 14.8590,
20.4619

■ 73.9089, 89.4699,
91.2610

■ 26.5929, 13.6842,
17.3888

■ 75.2624, 90.0113,
98.3884

■ 25.9028, 13.0514,
14.8542

■ 76.6852, 90.5804,
105.8808

■ 77.0990, 90.7459,
108.0599

Harmonies

Analogous

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



41.7099, 39.3744, 56.6077



43.4824, 39.3744, 47.9561



43.5745, 39.3744, 38.9899

Triad

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



43.4824, 39.3744, 47.9561



36.0429, 39.3744, 28.2250



33.2320, 39.3744, 55.8273

Complementary

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



43.4824, 39.3744, 47.9561



41.9368, 50.6920, 48.6509

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.



31.8817, 39.3744, 47.0036



43.4824, 39.3744, 47.9561



33.4426, 39.3744, 31.5601

Square

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



43.4824, 39.3744, 47.9561



39.1597, 39.3744, 28.4058



31.9566, 39.3744, 38.1606



35.7408, 39.3744, 61.5667

Rectangle

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



43.4824, 39.3744, 47.9561



42.6616, 39.3744, 34.0689



31.9566, 39.3744, 38.1606



32.6340, 39.3744, 53.0743

Sweetspot

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



43.4835, 39.3762, 47.9569



89.2410, 90.1754, 101.4351



40.0320, 37.3593, 58.5279



18.9714, 19.0824, 21.5418



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.



43.4835, 39.3762, 47.9569



73.5781, 64.0918, 80.0528



41.6095, 38.6265, 38.0883



10.8678, 10.7305, 12.2870



16.8887, 8.5050, 9.8896



0.8360, 0.4172, 0.6595

Inverse Universe

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



43.4835, 39.3762, 47.9569



73.5781, 64.0918, 80.0528



44.0581, 51.5405, 59.8217



10.8678, 10.7305, 12.2870



16.8887, 8.5050, 9.8896



0.8360, 0.4172, 0.6595

Previews

White Background



This preview shows how the XYZ color 43.4824, 39.3744, 47.9561 looks on a white background.

Color Contrast Check

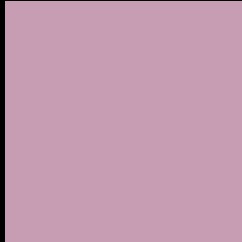
Large Text (above 18pt) WCAG AA × Fail

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 43.4824, 39.3744, 47.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

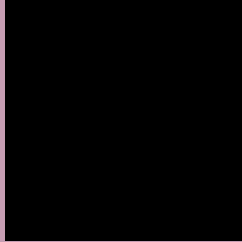
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4824, 39.3744, 47.9561

Background



This preview shows how black text looks on a background with the XYZ color 43.4824, 39.3744, 47.9561.



This preview shows how white text looks on a background with the XYZ color 43.4824, 39.3744,

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

43.4824, 39.3744, 47.9561

Protanopia

38.6959, 39.7235, 51.5269

Deuteranopia

40.3674, 39.5890, 47.6333



Tritanopia

42.6035, 39.2643, 43.8614

Trichromacy



Original Color

43.4824, 39.3744, 47.9561

Protanomaly

40.1828, 39.4348, 50.2936

Deuteranomaly

41.2743, 39.2689, 47.5237

Tritanomaly

42.8928, 39.3800, 45.3848

Monochromacy



Original Color

43.4824, 39.3744, 47.9561

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.6126, 40.5563, 46.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4824, 39.3744, 47.9561 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(198, 157, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 179)  
}
```

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(198, 157, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.4824, 39.3744, 47.9561 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(198, 157, 179) }
```


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

```
.border{ border-color:rgb(198, 157, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 157, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4824, 39.3744, 47.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 179) }
```

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

```
.background{ background-color: rgb(198,  
157, 179) }
```

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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