

Converting Colors

XYZ(43.8166, 39.7539, 47.3703)

Have a look what the booklet for
XYZ(43.8166, 39.7539, 47.3703)
contains.

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Color

**XYZ(43.8159, 39.8102,
47.4943)**

Conversions

Conversions Part 1

Format	Color
Hex	C79EB2
RGB	199, 158, 178
RGB Percent	78%, 62%, 70%
CMY	0.2196, 0.3804, 0.3020
CMYK	0.00, 0.21, 0.11, 0.22
HSL	331°, 27%, 70%
HSV	331°, 21%, 78%
XYZ	43.8159, 39.8102, 47.4943
YIQ	172.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

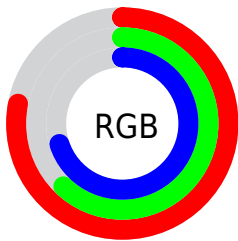
Format	Color
RYB	199, 158, 178
Decimal	13082290
CIELab	69.33, 18.43, -4.55
CIElCh	69, 18.983, 346.130
Yxy	39.8102, 0.3342, 0.3036
Android (android.graphics.Color)	4291272370 (0xFFC79EB2)
YUV	172.5390, 2.6923, 23.2063
Hunter-Lab	63.0953, 13.5407, -0.4632

Details

The XYZ color **43.8159, 39.8102, 47.4943** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6622, 51.3716, 50.3173**, and the grayscale version is **39.4672, 41.5226, 45.2181**.

A 20% lighter version of the original color is **79.8855, 74.7890, 88.0672**, and **20.5328, 17.8085, 21.7572** is the 20% darker color. If you saturate the color by 10%, you get **39.7068, 33.1692, 41.2614**, and if you desaturate by 10%, it is **48.5530, 47.5844, 54.3127**.

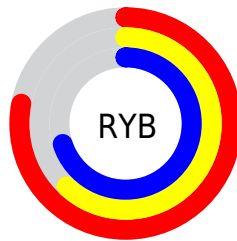
Distribution



Red (78%)

Green (62%)

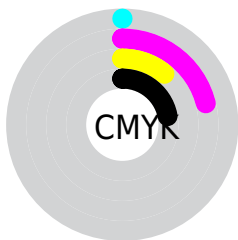
Blue (70%)



Red (78%)

Yellow (62%)

Blue (70%)

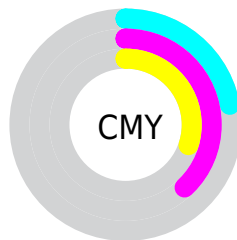


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8159, 39.8102, 47.4943 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 43.8159, 39.8102, 47.4943 by changing the saturation by 10% instead.


 43.8159, 39.8102,
47.4943


 43.8159, 39.8102,
47.4943


352.8214,
345.3229, 393.2349

 30.7231, 27.3906,
33.0694


 80.1887, 74.8744,
87.8087

 20.5389, 17.8668,
21.9081

 104.1994, 98.2878,
114.5353

 12.8979, 10.8544,
13.5917


132.5801,
126.1346, 146.1996

 7.4348, 5.9690,
7.7018

165.6962,
158.7991, 183.2201

 3.7842, 2.8262,
3.8197

203.9131,
196.6658, 226.0153

 1.5808, 1.0417,
1.5270

247.5960,

 0.3798, 0.0000,

240.1191, 275.0038

0.2379

297.1103,
289.5433, 330.6042

■ 0.0000, 0.0000,
0.0000

■ 43.8159, 39.8102,
47.4943

■ 43.8159, 39.8102,
47.4943

■ 39.7068, 33.1692,
41.2614

■ 48.5530, 47.5844,
54.3127

■ 36.1943, 27.6027,
35.5940

■ 53.9408, 56.5364,
61.7308

■ 33.2491, 23.0545,
30.4746

■ 60.0052, 66.7149,
69.7651

■ 30.8382, 19.4613,
25.8834

■ 66.7697, 78.1642,
78.4309

■ 28.9249, 16.7526,
21.7992

■ 73.4519, 89.3176,
87.4746

■ 27.4674, 14.8480,
18.1986

■ 74.9174, 89.9038,
95.1918

■ 26.4165, 13.6521,
15.0554

■ 76.4678, 90.5240,
103.3564

■ 25.7141, 13.0065,
12.4804

■ 77.3634, 90.8822,
108.0723

Harmonies

Analogous

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



42.2210, 39.8102, 56.0451



43.8159, 39.8102, 47.4943



43.7500, 39.8102, 38.8502

Triad

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



43.8159, 39.8102, 47.4943



36.2340, 39.8102, 29.1438



33.9218, 39.8102, 56.6025

Complementary

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



43.8159, 39.8102, 47.4943



42.6622, 51.3716, 50.3173

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.



32.4849, 39.8102, 48.1771



43.8159, 39.8102, 47.4943



33.7701, 39.8102, 32.7274

Square

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



43.8159, 39.8102, 47.4943



39.2602, 39.8102, 29.0125



32.4309, 39.8102, 39.4476



36.4513, 39.8102, 61.7615

Rectangle

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



43.8159, 39.8102, 47.4943



42.7702, 39.8102, 34.1871



32.4309, 39.8102, 39.4476



33.3011, 39.8102, 54.0112

Sweetspot

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



43.8170, 39.8120, 47.4951



89.1255, 90.1291, 100.8267



41.0122, 38.1035, 59.2264



18.9441, 19.0715, 21.3981



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.



43.8170, 39.8120, 47.4951



73.1565, 63.9232, 77.8325



41.9530, 39.0664, 37.6793



10.8458, 10.7217, 12.1714



16.5786, 8.3810, 8.2566



0.8216, 0.4115, 0.5835

Inverse Universe

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



43.8170, 39.8120, 47.4951



73.1565, 63.9232, 77.8325



44.8340, 52.2403, 61.7536



10.8458, 10.7217, 12.1714



16.5786, 8.3810, 8.2566



0.8216, 0.4115, 0.5835

Previews

White Background



This preview shows how the XYZ color 43.8159, 39.8102, 47.4943 looks on a white background.

Color Contrast Check

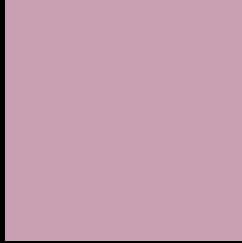
Large Text (above 18pt) WCAG AA × Fail

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 43.8159, 39.8102, 47.4943 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 43.8159, 39.8102, 47.4943

Background



This preview shows how black text looks on a background with the XYZ color 43.8159, 39.8102, 47.4943.



This preview shows how white text looks on a background with the XYZ color 43.8159, 39.8102,

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

43.8159, 39.8102, 47.4943

Protanopia

38.8028, 39.7908, 50.9827

Deuteranopia

40.7397, 39.7925, 47.1285



Tritanopia

43.0375, 39.7423, 43.9308

Trichromacy



Original Color

43.8159, 39.8102, 47.4943

Protanomaly

40.3094, 39.5120, 49.7580

Deuteranomaly

41.8424, 39.8338, 47.0783

Tritanomaly

43.3268, 39.8580, 45.4542

Monochromacy



Original Color

43.8159, 39.8102, 47.4943

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.0319, 41.0455, 46.3174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8159, 39.8102, 47.4943 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(199, 158, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 178)  
}
```

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(199, 158, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.8159, 39.8102, 47.4943 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(199, 158, 178) }
```


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

```
.border{ border-color:rgb(199, 158, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8159, 39.8102, 47.4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 178) }
```

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

```
.background{ background-color: rgb(199,  
158, 178) }
```

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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