

Converting Colors

XYZ(50.0190, 43.9136, 39.4732)

Have a look what the booklet for
XYZ(50.0190, 43.9136, 39.4732)
contains.

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Color

**XYZ(49.9184, 43.9102,
39.5628)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A1A1
RGB	224, 161, 161
RGB Percent	88%, 63%, 63%
CMY	0.1216, 0.3686, 0.3686
CMYK	0.00, 0.28, 0.28, 0.12
HSL	0°, 50%, 75%
HSV	0°, 28%, 88%
XYZ	49.9184, 43.9102, 39.5628
YIQ	179.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

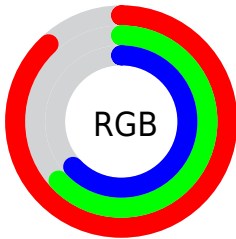
Format	Color
R _Y B	224, 161, 161
Decimal	14721441
CIE _{Lab}	72.17, 23.37, 9.30
CIE _{LCh}	72, 25.153, 21.696
Yxy	43.9102, 0.3742, 0.3292
Android (android.graphics.Color)	4292911521 (0xFFE0A1A1)
YUV	179.8370, -9.2866, 38.7310
Hunter-Lab	66.2648, 18.5038, 10.9868

Details

The XYZ color **49.9184, 43.9102, 39.5628** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.8075, 66.2684, 80.4238**, and the grayscale version is **43.3301, 45.5866, 49.6439**.

A 20% lighter version of the original color is **78.1905, 75.3296, 75.3847**, and **24.2195, 20.2786, 17.3895** is the 20% darker color. If you saturate the color by 10%, you get **44.5475, 36.0514, 28.8843**, and if you desaturate by 10%, it is **56.3467, 53.3169, 52.3405**.

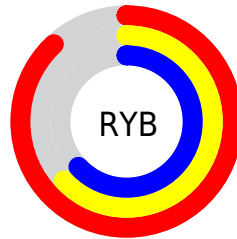
Distribution



Red (88%)

Green (63%)

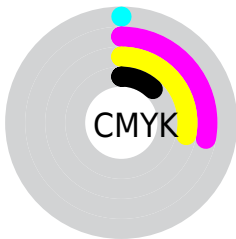
Blue (63%)



Red (88%)

Yellow (63%)

Blue (63%)

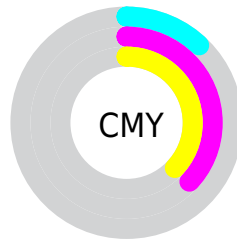


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (12%)



Cyan (12%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9184, 43.9102, 39.5628 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 49.9184, 43.9102, 39.5628 by changing the saturation by 10% instead.


 49.9184, 43.9102,
39.5628


 49.9184, 43.9102,
39.5628


376.8040,
362.3417, 359.7745

 35.5661, 30.5999,
26.8866


 89.2465, 81.0826,
75.7271

 24.2678, 20.2944,
17.2564


 114.9530,
105.7135, 100.0523

 15.6582, 12.6092,
10.2536


145.1750,
134.8867, 129.0976

 9.3719, 7.1600,
5.4596

180.2778,
168.9867, 163.2816

 5.0436, 3.5624,
2.4560

220.6267,
208.3978, 203.0227

 2.3079, 1.4319,
0.8167

266.5871,

 0.7987, 0.2401,

253.5044, 248.7395

0.0000

318.5245,
304.6909, 300.8506

■ 0.0000, 0.0000,
0.0000

■ 49.9184, 43.9102,
39.5628

■ 49.9184, 43.9102,
39.5628

■ 44.5475, 36.0514,
28.8843

■ 56.3467, 53.3169,
52.3405

■ 40.1742, 29.6519,
20.1904

■ 63.8809, 64.3416,
67.3184

■ 36.7379, 24.6236,
13.3595

■ 72.5710, 77.0576,
84.5942

■ 34.1703, 20.8664,
8.2556

■ 82.4627, 91.5319,
104.2590

■ 32.3939, 18.2668,
4.7243

■ 84.5506, 94.5874,
108.4086

■ 31.3170, 16.6909,
2.5840

■ 30.8094, 15.9481,
1.5751

■ 30.7408, 15.8477,
1.4387

Harmonies

Analogous

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



50.4841, 43.9102, 51.3210



49.9184, 43.9102, 39.5628



47.0854, 43.9102, 31.5002

Triad

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



49.9184, 43.9102, 39.5628



35.5642, 43.9102, 34.5573



40.5499, 43.9102, 75.3499

Complementary

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



49.9184, 43.9102, 39.5628



54.8075, 66.2684, 80.4238

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.



36.8067, 43.9102, 68.9578



49.9184, 43.9102, 39.5628



34.0606, 43.9102, 44.4643

Square

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



49.9184, 43.9102, 39.5628



38.7462, 43.9102, 28.9755



34.4993, 43.9102, 57.1321



44.8744, 43.9102, 73.4266

Rectangle

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



49.9184, 43.9102, 39.5628



44.3924, 43.9102, 28.6328



34.4993, 43.9102, 57.1321



39.1865, 43.9102, 74.0680

Sweetspot

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



49.9196, 43.9123, 39.5637



85.7720, 86.4237, 90.4554



56.9403, 46.7194, 76.5380



18.0096, 17.9873, 18.6670



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.



49.9196, 43.9123, 39.5637



62.3950, 52.2166, 43.9827



56.1336, 56.3403, 41.6350



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



54.8075, 66.2684, 80.4238



70.0206, 87.0942, 107.7281



47.1126, 50.8787, 77.8588



14.1166, 15.5722, 17.6494



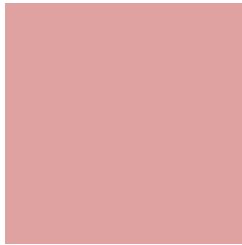
23.3448, 34.1592, 46.4113



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 49.9184, 43.9102, 39.5628 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 49.9184, 43.9102, 39.5628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

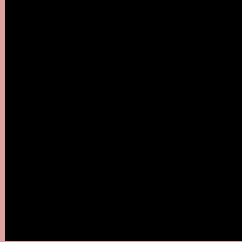
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9184, 43.9102, 39.5628

Background



This preview shows how black text looks on a background with the XYZ color 49.9184, 43.9102, 39.5628.



This preview shows how white text looks on a background with the XYZ color 49.9184, 43.9102,

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

49.9184, 43.9102, 39.5628

Protanopia

42.1750, 44.2539, 43.8551

Deuteranopia

44.9083, 44.0465, 38.9358



Tritanopia

50.8959, 43.7824, 44.7981

Trichromacy



Original Color

49.9184, 43.9102, 39.5628

Protanomaly

44.4718, 43.7493, 42.1769

Deuteranomaly

46.4584, 43.7308, 39.2500

Tritanomaly

50.6900, 43.9763, 42.8624

Monochromacy



Original Color

49.9184, 43.9102, 39.5628

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.2513, 44.6400, 45.7665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9184, 43.9102, 39.5628 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, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(224, 161, 161)  
}
```

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, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 49.9184, 43.9102, 39.5628 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, 161, 161) }
```


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

```
.border{ border-color:rgb(224, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(224, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9184, 43.9102, 39.5628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 161, 161) }
```

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

```
.background{ background-color: rgb(224,  
161, 161) }
```

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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