

Converting Colors

XYZ(43.7638, 39.0135, 34.2649)

Have a look what the booklet for
XYZ(43.7638, 39.0135, 34.2649)
contains.

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Color

**XYZ(43.6390, 39.0148,
34.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	D29A96
RGB	210, 154, 150
RGB Percent	82%, 60%, 59%
CMY	0.1765, 0.3961, 0.4118
CMYK	0.00, 0.27, 0.29, 0.18
HSL	4°, 40%, 71%
HSV	4°, 29%, 82%
XYZ	43.6390, 39.0148, 34.0848
YIQ	170.2880, 34.6600, 10.6280

Conversions

Conversions Part 2

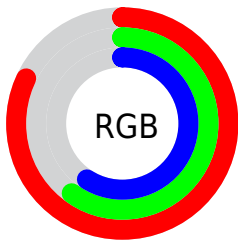
Format	Color
R _Y B	210, 154, 150
Decimal	13802134
CIE Lab	68.76, 20.38, 10.34
CIE LCh	69, 22.850, 26.912
Yxy	39.0148, 0.3738, 0.3342
Android (android.graphics.Color)	4291992214 (0xFFD29A96)
YUV	170.2880, -10.0020, 34.8274
Hunter-Lab	62.4618, 15.4010, 11.3693

Details

The XYZ color **43.6390, 39.0148, 34.0848** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2814, 55.2784, 69.2036**, and the grayscale version is **38.3893, 40.3885, 43.9831**.

A 20% lighter version of the original color is **74.9395, 71.2206, 66.9239**, and **20.4288, 17.4714, 14.1000** is the 20% darker color. If you saturate the color by 10%, you get **39.1224, 32.4495, 24.9707**, and if you desaturate by 10%, it is **48.9889, 46.7613, 44.9726**.

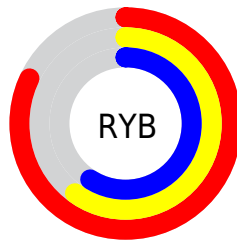
Distribution



Red (82%)

Green (60%)

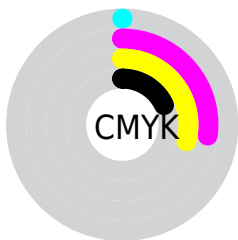
Blue (59%)



Red (82%)

Yellow (60%)

Blue (59%)

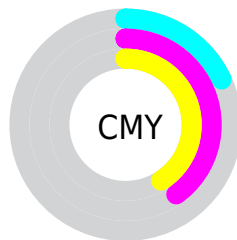


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (40%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6390, 39.0148, 34.0848 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 43.6390, 39.0148, 34.0848 by changing the saturation by 10% instead.


 43.6390, 39.0148,
34.0848


 43.6390, 39.0148,
34.0848


352.1102,
341.9534, 335.2907

 30.5835, 26.7712,
22.6809


 79.9240, 73.6609,
67.2009

 20.4322, 17.4015,
14.1550

 103.8841, 96.8323,
89.7502

 12.8197, 10.5212,
8.0885


132.2099,
124.4150, 116.8516

 7.3806, 5.7458,
4.0631

165.2666,
156.7936, 148.9238

 3.7497, 2.6912,
1.6600

203.4197,
194.3523, 186.3853

 1.5615, 0.9727,
0.3331

247.0344,

 0.3671, 0.0000,

237.4756, 229.6546

0.0000

296.4761,
286.5478, 279.1502

■ 0.0000, 0.0000,
0.0000

■ 43.6390, 39.0148,
34.0848

■ 43.6390, 39.0148,
34.0848

■ 39.1224, 32.4495,
24.9707

■ 48.9889, 46.7613,
44.9726

■ 35.3941, 27.0021,
17.5341

■ 55.2078, 55.7371,
57.7185

■ 32.4099, 22.6120,
11.6734

■ 62.3332, 65.9944,
72.4046

■ 30.1196, 19.2104,
7.2749

■ 70.3993, 77.5809,
89.1072

■ 28.4669, 16.7206,
4.2098

■ 79.4384, 90.5416,
107.8972

■ 27.3868, 15.0545,
2.3266

■ 80.3885, 92.4417,
108.2139

■ 26.7925, 14.1034,
1.3963

■ 26.7357, 14.0161,
1.2963

Harmonies

Analogous

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



44.4728, 39.0148, 43.5631



43.6390, 39.0148, 34.0848



41.0120, 39.0148, 27.8773

Triad

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



43.6390, 39.0148, 34.0848



31.5532, 39.0148, 32.5043



36.7088, 39.0148, 65.6459

Complementary

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



43.6390, 39.0148, 34.0848



46.2814, 55.2784, 69.2036

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.



33.4122, 39.0148, 61.4577



43.6390, 39.0148, 34.0848



30.5597, 39.0148, 41.4159

Square

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



43.6390, 39.0148, 34.0848



34.0216, 39.0148, 27.0744



31.2178, 39.0148, 52.1527



40.3215, 39.0148, 62.8412

Rectangle

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



43.6390, 39.0148, 34.0848



38.6804, 39.0148, 25.8777



31.2178, 39.0148, 52.1527



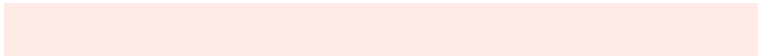
35.5290, 39.0148, 64.9948

Sweetspot

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



43.6400, 39.0166, 34.0856



85.1164, 85.6966, 88.4362



48.6257, 39.9711, 63.5452



17.8983, 17.8810, 18.2714



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.



43.6400, 39.0166, 34.0856



63.4885, 54.4035, 44.3472



49.2243, 50.1851, 35.9470



11.8712, 11.9331, 12.2897



16.3347, 8.6025, 0.7995



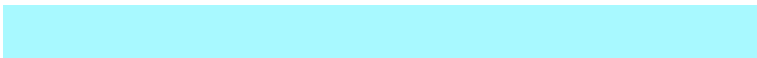
0.9360, 0.5264, 0.0523

Inverse Universe

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



46.2814, 55.2784, 69.2036



68.2044, 83.4618, 107.1227



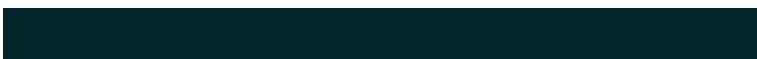
39.7364, 42.1884, 67.0219



12.0880, 13.2663, 15.1672



19.1646, 26.9757, 41.3893



1.0923, 1.5499, 2.3212

Previews

White Background



This preview shows how the XYZ color 43.6390, 39.0148, 34.0848 looks on a white background.

Color Contrast Check

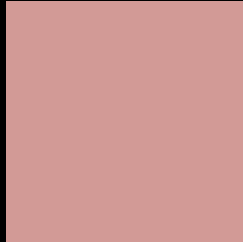
Large Text (above 18pt) WCAG AA × Fail

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 43.6390, 39.0148, 34.0848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

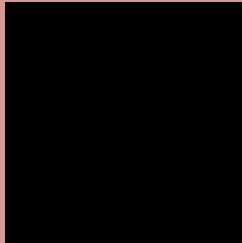
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6390, 39.0148, 34.0848

Background



This preview shows how black text looks on a background with the XYZ color 43.6390, 39.0148, 34.0848.



This preview shows how white text looks on a background with the XYZ color 43.6390, 39.0148,

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

43.6390, 39.0148, 34.0848

Protanopia

37.3601, 39.0704, 37.4705

Deuteranopia

39.8310, 39.0870, 33.8790



Tritanopia

44.7930, 38.9857, 40.2861

Trichromacy



Original Color

43.6390, 39.0148, 34.0848

Protanomaly

39.2466, 38.7386, 35.9806

Deuteranomaly

41.1117, 38.9720, 33.7893

Tritanomaly

44.5132, 39.1346, 38.0085

Monochromacy



Original Color

43.6390, 39.0148, 34.0848

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.8939, 39.5096, 40.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6390, 39.0148, 34.0848 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(210, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(210, 154, 150)  
}
```

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(210, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 154, 150) }
```

Border

The CSS property to change the border of an element to XYZ 43.6390, 39.0148, 34.0848 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(210, 154, 150) }
```


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

```
.border{ border-color:rgb(210, 154, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(210, 154,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6390, 39.0148, 34.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 154, 150) }
```

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

```
.background{ background-color: rgb(210,  
154, 150) }
```

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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