

Converting Colors

XYZ(39.2089, 34.9322, 42.3384)

Have a look what the booklet for
XYZ(39.2089, 34.9322, 42.3384)
contains.

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Color

**XYZ(39.0810, 34.8084,
42.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	BF93A9
RGB	191, 147, 169
RGB Percent	75%, 58%, 66%
CMY	0.2510, 0.4235, 0.3373
CMYK	0.00, 0.23, 0.12, 0.25
HSL	330°, 26%, 66%
HSV	330°, 23%, 75%
XYZ	39.0810, 34.8084, 42.1950
YIQ	162.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

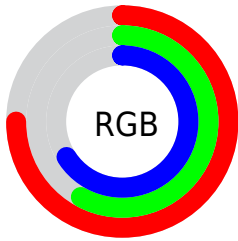
Format	Color
R_{YB}	191, 147, 169
Decimal	12555177
CIE _{Lab}	65.60, 20.08, -5.12
CIE _{LCh}	66, 20.725, 345.684
Yxy	34.8084, 0.3367, 0.2999
Android (android.graphics.Color)	4290745257 (0xFFBF93A9)
YUV	162.6640, 3.1236, 24.8507
Hunter-Lab	58.9986, 14.9917, -1.1043

Details

The XYZ color **39.0810, 34.8084, 42.1950** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8263, 46.3301, 44.4873**, and the grayscale version is **34.6347, 36.4384, 39.6814**.

A 20% lighter version of the original color is **73.0526, 67.1116, 79.6245**, and **17.7103, 14.9685, 18.7854** is the 20% darker color. If you saturate the color by 10%, you get **35.4899, 29.0088, 36.7348**, and if you desaturate by 10%, it is **43.2327, 41.6236, 48.1661**.

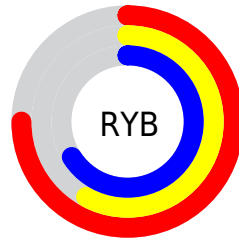
Distribution



Red (75%)

Green (58%)

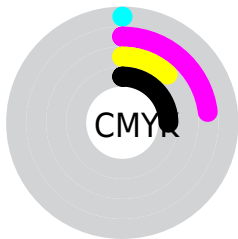
Blue (66%)



Red (75%)

Yellow (58%)

Blue (66%)

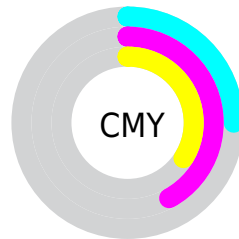


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0810, 34.8084, 42.1950 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 39.0810, 34.8084, 42.1950 by changing the saturation by 10% instead.


 39.0810, 34.8084,
42.1950


 39.0810, 34.8084,
42.1950

333.4360,
323.7218, 371.1141

 27.0038, 23.5153,
28.9273


 73.0553, 67.1888,
79.7679

 17.7126, 14.9745,
18.7807


 95.6831, 89.0450,
104.9103

 10.8423, 8.8015,
11.3367


122.5584,
115.1910, 134.8479

 6.0274, 4.6119,
6.1768

154.0467,
146.0111, 169.9993

 2.9026, 2.0214,
2.8824

190.5132,
181.8899, 210.7831

 1.1025, 0.6199,
1.0349

232.3234,

 0.0272, 0.0000,

223.2117, 257.6178

0.0000

279.8425,
270.3609, 310.9220

■ 0.0000, 0.0000,
0.0000

■ 39.0810, 34.8084,
42.1950

■ 39.0810, 34.8084,
42.1950

■ 35.4899, 29.0088,
36.7348

■ 43.2327, 41.6236,
48.1661

■ 32.4308, 24.1708,
31.7678

■ 47.9660, 49.4954,
54.6604

■ 29.8767, 20.2428,
27.2785

■ 53.3045, 58.4685,
61.6928

■ 27.7972, 17.1660,
23.2492

■ 59.2695, 68.5835,
69.2765

■ 26.1584, 14.8750,
19.6611

■ 65.8812, 79.8788,
77.4245

■ 24.9212, 13.2945,
16.4933

■ 71.0155, 88.1042,
85.4346

■ 24.0394, 12.3343,
13.7219

■ 72.3655, 88.6443,
92.5436

■ 23.5741, 11.9117,
12.0010

■ 73.7897, 89.2139,
100.0435

■ 75.2893, 89.8138,
107.9400

Harmonies

Analogous

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



37.4479, 34.8084, 50.8479



39.0810, 34.8084, 42.1950



39.0407, 34.8084, 33.5505

Triad

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



39.0810, 34.8084, 42.1950



31.5284, 34.8084, 23.9532



29.1643, 34.8084, 51.1924

Complementary

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



39.0810, 34.8084, 42.1950



37.8263, 46.3301, 44.4873

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.



27.7669, 34.8084, 42.6110



39.0810, 34.8084, 42.1950



29.0737, 34.8084, 27.3616

Square

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



39.0810, 34.8084, 42.1950



34.5517, 34.8084, 23.8771



27.7348, 34.8084, 33.9076



31.6591, 34.8084, 56.5570

Rectangle

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



39.0810, 34.8084, 42.1950



38.0658, 34.8084, 28.9456



27.7348, 34.8084, 33.9076



28.5576, 34.8084, 48.5344

Sweetspot

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



39.0820, 34.8100, 42.1957



82.3225, 82.6650, 93.0401



36.2013, 33.0658, 53.7650



17.9629, 17.9621, 20.2742



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0820, 34.8100, 42.1957



66.3945, 56.5051, 70.1706



37.1873, 34.0521, 32.2184



9.7237, 9.6138, 10.9341



15.5331, 7.8444, 8.1009



0.6415, 0.3205, 0.4912

Inverse Universe

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



39.0820, 34.8100, 42.1957



66.3945, 56.5051, 70.1706



40.0685, 47.2270, 56.2945



9.7237, 9.6138, 10.9341



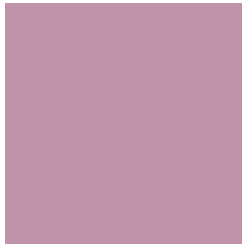
15.5331, 7.8444, 8.1009



0.6415, 0.3205, 0.4912

Previews

White Background



This preview shows how the XYZ color 39.0810, 34.8084, 42.1950 looks on a white background.

Color Contrast Check

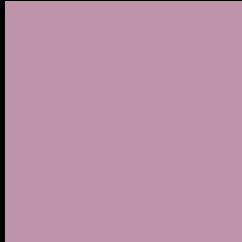
Large Text (above 18pt) WCAG AA × Fail

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 39.0810, 34.8084, 42.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

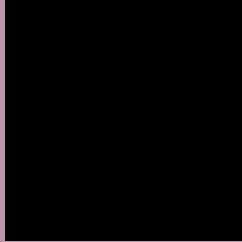
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0810, 34.8084, 42.1950

Background



This preview shows how black text looks on a background with the XYZ color 39.0810, 34.8084, 42.1950.



This preview shows how white text looks on a background with the XYZ color 39.0810, 34.8084,

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

39.0810, 34.8084, 42.1950

Protanopia

34.1639, 34.8574, 46.0018

Deuteranopia

35.5838, 34.9278, 41.9121



Tritanopia

38.3278, 34.9801, 37.9894

Trichromacy



Original Color

39.0810, 34.8084, 42.1950

Protanomaly

35.6760, 34.6744, 44.3477

Deuteranomaly

36.6562, 34.7486, 41.8209

Tritanomaly

38.4360, 34.7713, 39.3361

Monochromacy



Original Color

39.0810, 34.8084, 42.1950

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.0821, 35.7148, 40.5892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0810, 34.8084, 42.1950 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(191, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(191, 147, 169)  
}
```

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(191, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 147, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.0810, 34.8084, 42.1950 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(191, 147, 169) }
```


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

```
.border{ border-color:rgb(191, 147, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 147, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 147, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 147, 169);  
box-shadow:4px 4px 4px 4px rgb(191, 147,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0810, 34.8084, 42.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 147, 169) }
```

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

```
.background{ background-color: rgb(191,  
147, 169) }
```

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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