

Converting Colors

XYZ(39.1644, 38.7340, 34.2664)

Have a look what the booklet for
XYZ(39.1644, 38.7340, 34.2664)
contains.

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Color

**XYZ(39.1644, 38.7340,
34.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA296
RGB	188, 162, 150
RGB Percent	74%, 64%, 59%
CMY	0.2627, 0.3647, 0.4118
CMYK	0.00, 0.14, 0.20, 0.26
HSL	19°, 22%, 66%
HSV	19°, 20%, 74%
XYZ	39.1644, 38.7340, 34.2664
YIQ	168.4060, 19.3480, 1.7800

Conversions

Conversions Part 2

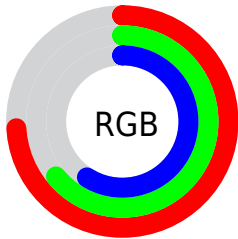
Format	Color
RYB	188, 168, 150
Decimal	12362390
CIELab	68.56, 7.59, 9.75
CIELCh	69, 12.357, 52.093
Yxy	38.7340, 0.3492, 0.3453
Android (android.graphics.Color)	4290552470 (0xFFBCA296)
YUV	168.4060, -9.0742, 17.1839
Hunter-Lab	62.2366, 3.4127, 10.9216

Details

The XYZ color **39.1644, 38.7340, 34.2664** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1799, 41.1647, 53.5633**, and the grayscale version is **37.4564, 39.4071, 42.9143**.

A 20% lighter version of the original color is **73.3681, 73.3978, 67.4270**, and **17.6596, 17.1210, 14.1783** is the 20% darker color. If you saturate the color by 10%, you get **35.6197, 33.8758, 26.2056**, and if you desaturate by 10%, it is **43.1859, 44.1564, 43.6853**.

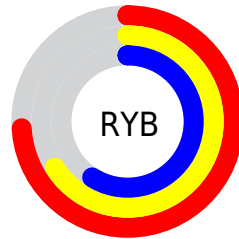
Distribution



Red (74%)

Green (64%)

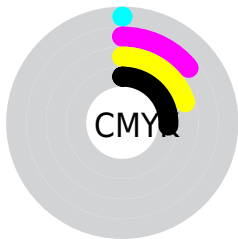
Blue (59%)



Red (74%)

Yellow (66%)

Blue (59%)

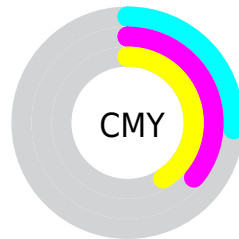


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1644, 38.7340, 34.2664 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 39.1644, 38.7340, 34.2664 by changing the saturation by 10% instead.


 39.1644, 38.7340,
34.2664


 39.1644, 38.7340,
34.2664


333.7841,
340.7582, 336.1236

 27.0689, 26.5529,
22.8193


 73.1819, 73.2318,
67.4864

 17.7619, 17.2377,
14.2561


 95.8346, 96.3172,
90.0963

 10.8778, 10.4041,
8.1582


122.7371,
123.8062, 117.2643

 6.0514, 5.6677,
4.1071

154.2548,
156.0831, 149.4088

 2.9173, 2.6441,
1.6843

190.7529,
193.5324, 186.9485

 1.1102, 0.9489,
0.3499

232.5970,

 0.0336, 0.0000,

236.5384, 230.3018

0.0000

280.1522,
285.4856, 279.8874

■ 0.0000, 0.0000,
0.0000

■ 39.1644, 38.7340,
34.2664

■ 39.1644, 38.7340,
34.2664

■ 35.6197, 33.8758,
26.2056

■ 43.1859, 44.1564,
43.6853

■ 32.5301, 29.5580,
19.4373

■ 47.6984, 50.1552,
54.5189

■ 29.8769, 25.7628,
13.8941

■ 52.7196, 56.7491,
66.8236

■ 27.6388, 22.4695,
9.5013

■ 58.2650, 63.9542,
80.6519

■ 25.7924, 19.6558,
6.1760

■ 64.3499, 71.7858,
96.0537

■ 24.3119, 17.2974,
3.8242

■ 69.7065, 79.7461,
106.3264

■ 23.1674, 15.3678,
2.3348

■ 73.6106, 87.5542,
107.6277

■ 22.3231, 13.8592,
1.4985

■ 74.5492, 89.4314,
107.9406

Harmonies

Analogous

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



40.3953, 38.7340, 38.2684



39.1644, 38.7340, 34.2664



37.3330, 38.7340, 32.4192

Triad

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



39.1644, 38.7340, 34.2664



33.2296, 38.7340, 40.7166



38.2419, 38.7340, 52.9125

Complementary

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



39.1644, 38.7340, 34.2664



37.1799, 41.1647, 53.5633

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.



36.3028, 38.7340, 53.7139



39.1644, 38.7340, 34.2664



33.4537, 38.7340, 46.3382

Square

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



39.1644, 38.7340, 34.2664



33.9393, 38.7340, 35.9230



34.5625, 38.7340, 51.2149



39.8498, 38.7340, 49.1127

Rectangle

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



39.1644, 38.7340, 34.2664



36.0366, 38.7340, 32.5335



34.5625, 38.7340, 51.2149



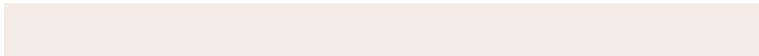
37.6056, 38.7340, 53.5542

Sweetspot

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



39.1654, 38.7358, 34.2672



81.5224, 84.3705, 86.9339



39.5418, 35.6630, 46.1862



17.4181, 17.9932, 18.4245



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.1654, 38.7358, 34.2672



68.1918, 66.3984, 55.7032



42.6466, 45.6981, 35.4276



9.7695, 10.0150, 9.9948



15.2583, 9.5554, 1.0402



0.6580, 0.4950, 0.0609

Inverse Universe

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



37.1799, 41.1647, 53.5633



63.9743, 71.5496, 96.6648



33.8140, 34.4329, 52.4413



9.5475, 10.2873, 12.1546



11.5596, 13.2308, 34.3375



0.5090, 0.6307, 1.3638

Previews

White Background



This preview shows how the XYZ color 39.1644, 38.7340, 34.2664 looks on a white background.

Color Contrast Check

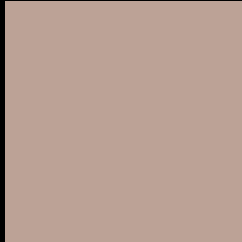
Large Text (above 18pt) WCAG AA × Fail

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 39.1644, 38.7340, 34.2664 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

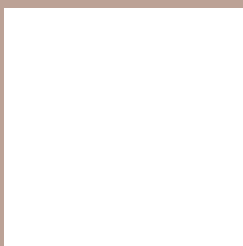
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1644, 38.7340, 34.2664

Background



This preview shows how black text looks on a background with the XYZ color 39.1644, 38.7340, 34.2664.



This preview shows how white text looks on a background with the XYZ color 39.1644, 38.7340,

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

39.1644, 38.7340, 34.2664

Protanopia

36.9418, 38.9031, 35.2678

Deuteranopia

39.4851, 38.6389, 34.2311



Tritanopia

41.2347, 38.8129, 43.8464

Trichromacy



Original Color

39.1644, 38.7340, 34.2664

Protanomaly

37.6315, 38.7283, 34.7701

Deuteranomaly

39.2362, 38.5106, 34.2195

Tritanomaly

40.4169, 38.7331, 39.9964

Monochromacy



Original Color

39.1644, 38.7340, 34.2664

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7484, 38.9596, 39.2486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1644, 38.7340, 34.2664 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(188, 162, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 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(188, 162, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 150) }
```

Border

The CSS property to change the border of an element to XYZ 39.1644, 38.7340, 34.2664 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(188, 162, 150) }
```


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

```
.border{ border-color:rgb(188, 162, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 162, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1644, 38.7340, 34.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 150) }
```

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

```
.background{ background-color: rgb(188,  
162, 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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