

Converting Colors

XYZ(39.3468, 34.8345, 42.3529)

Have a look what the booklet for
XYZ(39.3468, 34.8345, 42.3529)
contains.

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Color

**XYZ(39.3334, 34.9385,
42.2068)**

Conversions

Conversions Part 1

Format	Color
Hex	C093A9
RGB	192, 147, 169
RGB Percent	75%, 58%, 66%
CMY	0.2471, 0.4235, 0.3373
CMYK	0.00, 0.23, 0.12, 0.25
HSL	331°, 26%, 66%
HSV	331°, 23%, 75%
XYZ	39.3334, 34.9385, 42.2068
YIQ	162.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

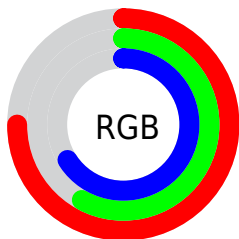
Format	Color
R _Y B	192, 147, 169
Decimal	12620713
CIE Lab	65.70, 20.44, -4.96
CIE LCh	66, 21.037, 346.353
Yxy	34.9385, 0.3377, 0.3000
Android (android.graphics.Color)	4290810793 (0xFFC093A9)
YUV	162.9630, 2.9762, 25.4654
Hunter-Lab	59.1088, 15.3408, -0.9600

Details

The XYZ color **39.3334, 34.9385, 42.2068** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1394, 46.8056, 45.0567**, and the grayscale version is **34.7760, 36.5871, 39.8433**.

A 20% lighter version of the original color is **73.4081, 67.2948, 79.6412**, and **17.8750, 15.0534, 18.7931** is the 20% darker color. If you saturate the color by 10%, you get **35.7064, 29.1037, 36.6216**, and if you desaturate by 10%, it is **43.5299, 41.8007, 48.3239**.

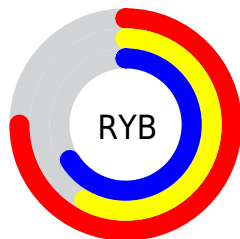
Distribution



Red (75%)

Green (58%)

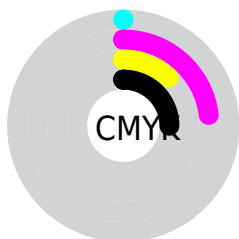
Blue (66%)



Red (75%)

Yellow (58%)

Blue (66%)

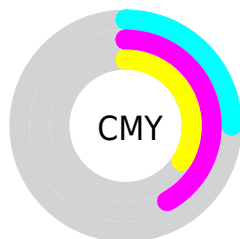


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3334, 34.9385, 42.2068 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 39.3334, 34.9385, 42.2068 by changing the saturation by 10% instead.


 39.3334, 34.9385,
42.2068


 39.3334, 34.9385,
42.2068

334.4887,
324.2968, 371.1644

 27.2011, 23.6155,
28.9365


 73.4382, 67.3905,
79.7860

 17.8617, 15.0486,
18.7876


 96.1413, 89.2883,
104.9319

 10.9498, 8.8535,
11.3417


123.0988,
115.4798, 134.8735

 6.1001, 4.6458,
6.1801

154.6760,
146.3494, 170.0292

 2.9473, 2.0410,
2.8843

191.2382,
182.2815, 210.8176

 1.1260, 0.6311,
1.0359

233.1509,

 0.0467, 0.0000,

223.6605, 257.6572

0.0000

280.7792,
270.8708, 310.9667

■ 0.0000, 0.0000,
0.0000

■ 39.3334, 34.9385,
42.2068

■ 39.3334, 34.9385,
42.2068

■ 35.7064, 29.1037,
36.6216

■ 43.5299, 41.8007,
48.3239

■ 32.6196, 24.2415,
31.5498

■ 48.3173, 49.7322,
54.9861

■ 30.0457, 20.2993,
26.9751

■ 53.7197, 58.7782,
62.2086

■ 27.9535, 17.2173,
22.8792

■ 59.7586, 68.9799,
70.0057

■ 26.3084, 14.9290,
19.2420

■ 66.4549, 80.3765,
78.3906

■ 25.0705, 13.3574,
16.0418

■ 71.4862, 88.3217,
86.5959

■ 24.1922, 12.4104,
13.2537

■ 72.8870, 88.8820,
93.9725

■ 23.7525, 12.0122,
11.6232

■ 74.3665, 89.4738,
101.7631

■ 75.5484, 89.9466,
107.9873

Harmonies

Analogous

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



37.7031, 34.9385, 51.0603



39.3334, 34.9385, 42.2068



39.2520, 34.9385, 33.4423

Triad

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



39.3334, 34.9385, 42.2068



31.5604, 34.9385, 23.9194



29.2674, 34.9385, 51.7558

Complementary

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



39.3334, 34.9385, 42.2068



38.1394, 46.8056, 45.0567

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.



27.8186, 34.9385, 43.0454



39.3334, 34.9385, 42.2068



29.0851, 34.9385, 27.4491

Square

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



39.3334, 34.9385, 42.2068



34.6320, 34.9385, 23.7668



27.7540, 34.9385, 34.1608



31.8236, 34.9385, 57.1247

Rectangle

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



39.3334, 34.9385, 42.2068



38.2353, 34.9385, 28.8072



27.7540, 34.9385, 34.1608



28.6419, 34.9385, 49.0656

Sweetspot

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



39.3344, 34.9401, 42.2075



84.2308, 84.5965, 95.0758



36.4192, 33.1654, 54.3517



17.9561, 17.9594, 20.2387



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.



39.3344, 34.9401, 42.2075



67.8499, 57.7808, 71.2846



37.4397, 34.1822, 32.2302



10.2738, 10.1581, 11.5323



16.0219, 8.0985, 8.0271



0.7271, 0.3638, 0.5302

Inverse Universe

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



39.3344, 34.9401, 42.2075



67.8499, 57.7808, 71.2846



40.3978, 47.7089, 56.9492



10.2738, 10.1581, 11.5323



16.0219, 8.0985, 8.0271



0.7271, 0.3638, 0.5302

Previews

White Background



This preview shows how the XYZ color 39.3334, 34.9385, 42.2068 looks on a white background.

Color Contrast Check

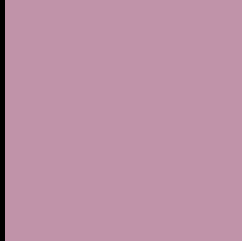
Large Text (above 18pt) WCAG AA × Fail

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 39.3334, 34.9385, 42.2068 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 39.3334, 34.9385, 42.2068

Background



This preview shows how black text looks on a background with the XYZ color 39.3334, 34.9385, 42.2068.



This preview shows how white text looks on a background with the XYZ color 39.3334, 34.9385,

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

39.3334, 34.9385, 42.2068

Protanopia

34.3352, 35.2000, 46.0589

Deuteranopia

35.7097, 35.0034, 41.4334



Tritanopia

38.5785, 35.1093, 38.0012

Trichromacy



Original Color

39.3334, 34.9385, 42.2068

Protanomaly

35.8417, 35.0059, 44.4029

Deuteranomaly

36.8865, 34.8673, 41.8317

Tritanomaly

38.6866, 34.9005, 39.3478

Monochromacy



Original Color

39.3334, 34.9385, 42.2068

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3041, 35.8292, 40.5996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3334, 34.9385, 42.2068 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(192, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 147, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.3334, 34.9385, 42.2068 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(192, 147, 169) }
```


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

```
.border{ border-color:rgb(192, 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(192, 147, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 147, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 147, 169);  
box-shadow:4px 4px 4px 4px rgb(192, 147,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3334, 34.9385, 42.2068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 147, 169) }
```

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

```
.background{ background-color: rgb(192,  
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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