

Converting Colors

XYZ(42.1199, 39.3752, 39.0984)

Have a look what the booklet for
XYZ(42.1199, 39.3752, 39.0984)
contains.

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Color

**XYZ(42.1199, 39.3752,
39.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	C69FA1
RGB	198, 159, 161
RGB Percent	78%, 62%, 63%
CMY	0.2235, 0.3765, 0.3686
CMYK	0.00, 0.20, 0.19, 0.22
HSL	357°, 25%, 70%
HSV	357°, 20%, 78%
XYZ	42.1199, 39.3752, 39.0984
YIQ	170.8890, 22.6020, 8.8900

Conversions

Conversions Part 2

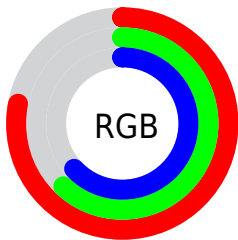
Format	Color
RYB	198, 159, 161
Decimal	13016993
CIELab	69.02, 14.73, 4.43
CIElCh	69, 15.378, 16.760
Yxy	39.3752, 0.3493, 0.3265
Android (android.graphics.Color)	4291207073 (0xFFC69FA1)
YUV	170.8890, -4.8753, 23.7763
Hunter-Lab	62.7497, 10.0039, 6.9820

Details

The XYZ color **42.1199, 39.3752, 39.0984** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4576, 51.7457, 59.8719**, and the grayscale version is **38.6696, 40.6834, 44.3042**.

A 20% lighter version of the original color is **77.6812, 74.3110, 75.2150**, and **19.5738, 17.5705, 17.1116** is the 20% darker color. If you saturate the color by 10%, you get **37.4498, 32.4899, 29.9731**, and if you desaturate by 10%, it is **47.5865, 47.4545, 49.7181**.

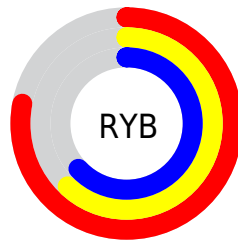
Distribution



Red (78%)

Green (62%)

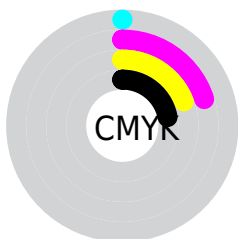
Blue (63%)



Red (78%)

Yellow (62%)

Blue (63%)

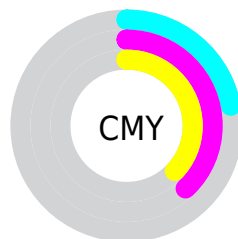


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1199, 39.3752, 39.0984 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 42.1199, 39.3752, 39.0984 by changing the saturation by 10% instead.


 42.1199, 39.3752,
39.0984


 42.1199, 39.3752,
39.0984


345.9629,
343.4831, 357.7471

 29.3867, 27.0517,
26.5279


 77.6451, 74.2111,
75.0106

 19.5193, 17.6121,
16.9897


 101.1678, 97.4924,
99.1894

 12.1523, 10.6718,
10.0652

129.0177,
125.1951, 128.0746

 6.9204, 5.8466,
5.3361

161.5602,
157.7035, 162.0849

 3.4583, 2.7520,
2.3836

199.1606,
195.4022, 201.6387

 1.4005, 1.0037,
0.7775

242.1843,

 0.2566, 0.0000,

238.6754, 247.1547

0.0000

290.9966,
287.9075, 299.0513

■ 0.0000, 0.0000,
0.0000

■ 42.1199, 39.3752,
39.0984

■ 42.1199, 39.3752,
39.0984

■ 37.4498, 32.4899,
29.9731

■ 47.5865, 47.4545,
49.7181

■ 33.5360, 26.7368,
22.2730

■ 53.8809, 56.7748,
61.8926

■ 30.3397, 22.0571,
15.9267

■ 61.0368, 67.3875,
75.6817

■ 27.8172, 18.3841,
10.8560

■ 69.0848, 79.3390,
91.1414

■ 25.9202, 15.6441,
6.9745

■ 77.0882, 90.7416,
108.0031

■ 24.5940, 13.7530,
4.1854

■ 77.0989, 90.7459,
108.0599

■ 23.7742, 12.6118,
2.3761

■ 23.3542, 12.0425,
1.4014

■ 23.3445, 12.0281,
1.3824

Harmonies

Analogous

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



42.2010, 39.3752, 46.0380



42.1199, 39.3752, 39.0984



40.7462, 39.3752, 33.7753

Triad

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



42.1199, 39.3752, 39.0984



34.0966, 39.3752, 34.2778



36.3563, 39.3752, 57.3943

Complementary

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



42.1199, 39.3752, 39.0984



44.4576, 51.7457, 59.8719

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.



34.2893, 39.3752, 53.4730



42.1199, 39.3752, 39.0984



33.0235, 39.3752, 39.8563

Square

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



42.1199, 39.3752, 39.0984



36.0827, 39.3752, 31.2074



33.0925, 39.3752, 46.8828



38.8001, 39.3752, 57.1341

Rectangle

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



42.1199, 39.3752, 39.0984



39.3149, 39.3752, 31.6313



33.0925, 39.3752, 46.8828



35.5965, 39.3752, 56.5048

Sweetspot

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



42.1210, 39.3770, 39.0992



88.1119, 89.7237, 95.4894



45.2015, 40.5307, 58.8675



18.7051, 18.9759, 20.1397



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.



42.1210, 39.3770, 39.0992



70.5577, 63.7828, 61.3758



45.0537, 45.5219, 39.2150



10.6555, 10.6456, 11.1692



15.1910, 7.8260, 0.9498



0.7271, 0.3737, 0.0863

Inverse Universe

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



42.1210, 39.3770, 39.0992



70.5577, 63.7828, 61.3758



41.0369, 44.5381, 59.8605



10.6555, 10.6456, 11.1692



15.1910, 7.8260, 0.9498



0.7271, 0.3737, 0.0863

Previews

White Background



This preview shows how the XYZ color 42.1199, 39.3752, 39.0984 looks on a white background.

Color Contrast Check

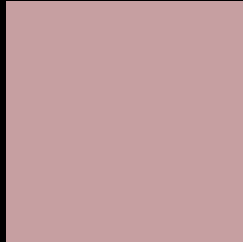
Large Text (above 18pt) WCAG AA × Fail

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 42.1199, 39.3752, 39.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

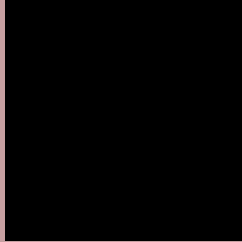
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1199, 39.3752, 39.0984

Background



This preview shows how black text looks on a background with the XYZ color 42.1199, 39.3752, 39.0984.



This preview shows how white text looks on a background with the XYZ color 42.1199, 39.3752,

39.0984.

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

42.1199, 39.3752, 39.0984

Protanopia

37.8988, 39.5291, 41.7088

Deuteranopia

40.1814, 39.4238, 38.7495



Tritanopia

43.0357, 39.4981, 43.3859

Trichromacy



Original Color

42.1199, 39.3752, 39.0984

Protanomaly

39.2120, 39.4144, 40.6630

Deuteranomaly

41.0037, 39.5852, 38.7373

Tritanomaly

42.7551, 39.3859, 41.9080

Monochromacy



Original Color

42.1199, 39.3752, 39.0984

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8498, 40.2512, 42.2282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1199, 39.3752, 39.0984 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(198, 159, 161)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 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(198, 159, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 161) }
```

Border

The CSS property to change the border of an element to XYZ 42.1199, 39.3752, 39.0984 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(198, 159, 161) }
```


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

```
.border{ border-color:rgb(198, 159, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 161);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1199, 39.3752, 39.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 161) }
```

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

```
.background{ background-color: rgb(198,  
159, 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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