

Converting Colors

XYZ(39.5879, 36.1974, 42.9959)

Have a look what the booklet for
XYZ(39.5879, 36.1974, 42.9959)
contains.

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Color

**XYZ(39.7191, 36.3059,
42.9445)**

Conversions

Conversions Part 1

Format	Color
Hex	BE98AA
RGB	190, 152, 170
RGB Percent	75%, 60%, 67%
CMY	0.2549, 0.4039, 0.3333
CMYK	0.00, 0.20, 0.11, 0.25
HSL	332°, 23%, 67%
HSV	332°, 20%, 75%
XYZ	39.7191, 36.3059, 42.9445
YIQ	165.4140, 16.8700, 13.6540

Conversions

Conversions Part 2

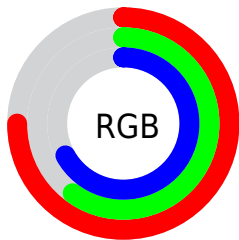
Format	Color
R_{YB}	190, 152, 170
Decimal	12490922
CIE Lab	66.75, 17.12, -3.99
CIE LCh	67, 17.581, 346.869
Yxy	36.3059, 0.3339, 0.3052
Android (android.graphics.Color)	4290681002 (0xFFBE98AA)
YUV	165.4140, 2.2609, 21.5619
Hunter-Lab	60.2544, 12.2203, -0.0791

Details

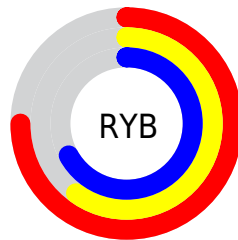
The XYZ color **39.7191, 36.3059, 42.9445** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8102, 46.4818, 45.9583**, and the grayscale version is **35.9476, 37.8197, 41.1857**.

A 20% lighter version of the original color is **74.0197, 69.3530, 80.7194**, and **18.0770, 15.8496, 19.2461** is the 20% darker color. If you saturate the color by 10%, you get **35.9687, 30.2616, 37.2030**, and if you desaturate by 10%, it is **44.0376, 43.3702, 49.2313**.

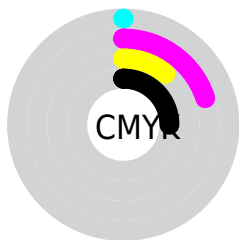
Distribution



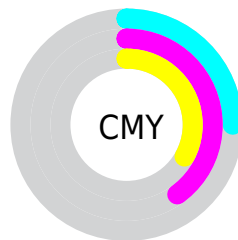
- Red (75%)
- Green (60%)
- Blue (67%)



- Red (75%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (25%)





- Cyan (25%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7191, 36.3059, 42.9445 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 39.7191, 36.3059, 42.9445 by changing the saturation by 10% instead.


 39.7191, 36.3059,
42.9445


 39.7191, 36.3059,
42.9445


336.0930,
330.2956, 374.2980

 27.5028, 24.6705,
29.5105


 74.0226, 69.5040,
80.9126

 18.0898, 15.8318,
19.2184


 96.8406, 91.8354,
106.2837

 11.1145, 9.4052,
11.6498


123.9232,
118.5011, 136.4710

 6.2118, 5.0064,
6.3861

155.6358,
149.8853, 171.8929

 3.0162, 2.2510,
3.0087

192.3437,
186.3725, 212.9680

 1.1623, 0.7476,
1.0991

234.4123,

 0.0763, 0.0000,

228.3470, 260.1149

0.0000

282.2069,
276.1932, 313.7520

■ 0.0000, 0.0000,
0.0000

■ 39.7191, 36.3059,
42.9445

■ 39.7191, 36.3059,
42.9445

■ 35.9687, 30.2616,
37.2030

■ 44.0376, 43.3702,
49.2313

■ 32.7581, 25.1849,
31.9884

■ 48.9444, 51.4940,
56.0765

■ 30.0615, 21.0258,
27.2842

■ 54.4628, 60.7208,
63.4957

■ 27.8492, 17.7283,
23.0722

■ 60.6135, 71.0901,
71.5029

■ 26.0887, 15.2299,
19.3328

■ 67.4166, 82.6394,
80.1118

■ 24.7428, 13.4594,
16.0444

■ 71.2792, 88.1808,
88.1315

■ 23.7683, 12.3331,
13.1830

■ 72.7246, 88.7589,
95.7430

■ 23.0806, 11.6854,
10.7105

■ 74.2520, 89.3699,
103.7859

■ 23.0805, 11.6853,
10.7100

■ 75.0454, 89.6872,
107.9638

Harmonies

Analogous

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



38.3670, 36.3059, 50.3868



39.7191, 36.3059, 42.9445



39.6246, 36.3059, 35.4402

Triad

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



39.7191, 36.3059, 42.9445



33.0481, 36.3059, 27.1308



31.1355, 36.3059, 51.1834

Complementary

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



39.7191, 36.3059, 42.9445



38.8102, 46.4818, 45.9583

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.



29.8514, 36.3059, 43.9250



39.7191, 36.3059, 42.9445



30.9162, 36.3059, 30.3584

Square

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



39.7191, 36.3059, 42.9445



35.6799, 36.3059, 26.9393



29.7733, 36.3059, 36.3033



33.3614, 36.3059, 55.5381

Rectangle

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



39.7191, 36.3059, 42.9445



38.7528, 36.3059, 31.3954



29.7733, 36.3059, 36.3033



30.5845, 36.3059, 48.9629

Sweetspot

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



39.7201, 36.3075, 42.9453



83.1411, 84.1019, 93.9302



37.4568, 34.9052, 53.4788



18.1302, 18.2585, 20.4483



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.



39.7201, 36.3075, 42.9453



68.8696, 60.7615, 73.1339



38.2353, 35.8785, 34.6178



9.7132, 9.6096, 10.8788



15.3862, 7.7856, 7.3273



0.6358, 0.3182, 0.4611

Inverse Universe

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



39.7201, 36.3075, 42.9453



68.8696, 60.7615, 73.1339



40.5208, 46.9470, 55.6416



9.7132, 9.6096, 10.8788



15.3862, 7.7856, 7.3273



0.6358, 0.3182, 0.4611

Previews

White Background



This preview shows how the XYZ color 39.7191, 36.3059, 42.9445 looks on a white background.

Color Contrast Check

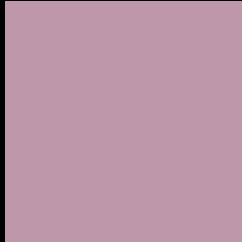
Large Text (above 18pt) WCAG AA × Fail

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 39.7191, 36.3059, 42.9445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

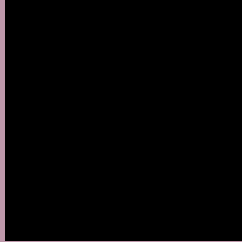
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7191, 36.3059, 42.9445

Background



This preview shows how black text looks on a background with the XYZ color 39.7191, 36.3059, 42.9445.



This preview shows how white text looks on a background with the XYZ color 39.7191, 36.3059,

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

39.7191, 36.3059, 42.9445

Protanopia

35.6571, 36.6566, 46.2704

Deuteranopia

37.0675, 36.4323, 42.6146



Tritanopia

39.1690, 36.3179, 40.5429

Trichromacy



Original Color

39.7191, 36.3059, 42.9445

Protanomaly

36.8801, 36.2804, 45.1034

Deuteranomaly

37.8723, 36.3448, 42.5553

Tritanomaly

39.3525, 36.3913, 41.5093

Monochromacy



Original Color

39.7191, 36.3059, 42.9445

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.0014, 36.9303, 41.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7191, 36.3059, 42.9445 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(190, 152, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 170)  
}
```

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(190, 152, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 170) }
```

Border

The CSS property to change the border of an element to XYZ 39.7191, 36.3059, 42.9445 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(190, 152, 170) }
```


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

```
.border{ border-color:rgb(190, 152, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7191, 36.3059, 42.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 170) }
```

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

```
.background{ background-color: rgb(190,  
152, 170) }
```

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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