

Converting Colors

XYZ(39.3250, 35.9754, 47.7283)

Have a look what the booklet for
XYZ(39.3250, 35.9754, 47.7283)
contains.

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Color

**XYZ(39.3725, 36.0254,
47.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	B998B3
RGB	185, 152, 179
RGB Percent	73%, 60%, 70%
CMY	0.2745, 0.4039, 0.2980
CMYK	0.00, 0.18, 0.03, 0.27
HSL	311°, 19%, 66%
HSV	311°, 18%, 73%
XYZ	39.3725, 36.0254, 47.5263
YIQ	164.9450, 11.0010, 15.3930

Conversions

Conversions Part 2

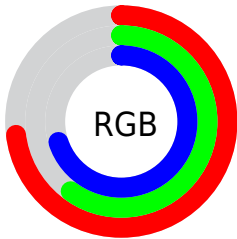
Format	Color
R_{YB}	185, 152, 179
Decimal	12163251
CIE _{Lab}	66.54, 16.95, -9.40
CIE _{LCh}	67, 19.385, 330.982
Yxy	36.0254, 0.3203, 0.2931
Android (android.graphics.Color)	4290353331 (0xFFB998B3)
YUV	164.9450, 6.9291, 17.5882
Hunter-Lab	60.0212, 12.0549, -4.9325

Details

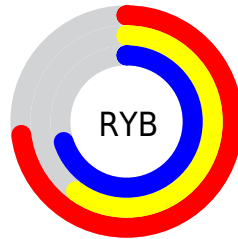
The XYZ color **39.3725, 36.0254, 47.5263** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.4708, 43.8430, 38.8900**, and the grayscale version is **35.7028, 37.5621, 40.9052**.

A 20% lighter version of the original color is **73.3423, 68.8415, 88.0195**, and **17.9353, 15.7193, 21.8275** is the 20% darker color. If you saturate the color by 10%, you get **36.2652, 30.3481, 44.8326**, and if you desaturate by 10%, it is **42.9586, 42.6458, 50.4213**.

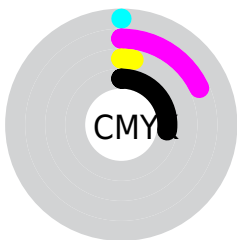
Distribution



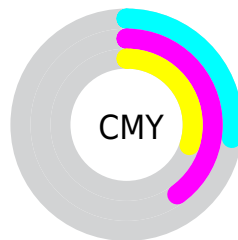
- Red (73%)
- Green (60%)
- Blue (70%)



- Red (73%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (27%)





- Cyan (27%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3725, 36.0254, 47.5263 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 39.3725, 36.0254, 47.5263 by changing the saturation by 10% instead.


 39.3725, 36.0254,
47.5263


 39.3725, 36.0254,
47.5263

334.6516,
329.0715, 393.3658

 27.2317, 24.4538,
33.0946


 73.4975, 69.0713,
87.8569

 17.8848, 15.6706,
21.9272


 96.2123, 91.3143,
114.5928

 10.9665, 9.2914,
13.6056


123.1825,
117.8834, 146.2673

 6.1114, 4.9317,
7.7113

154.7734,
149.1627, 183.2988

 2.9543, 2.2073,
3.8256

191.3504,
185.5368, 226.1058

 1.1296, 0.7239,
1.5302

233.2789,

 0.0497, 0.0000,

227.3901, 275.1070

0.2403

280.9242,
275.1069, 330.7208

■ 0.0000, 0.0000,
0.0000

■ 39.3725, 36.0254,
47.5263

■ 39.3725, 36.0254,
47.5263

■ 36.2652, 30.3481,
44.8326

■ 42.9586, 42.6458,
50.4213

■ 33.6117, 25.5659,
42.3305

■ 47.0406, 50.2452,
53.5225

■ 31.3897, 21.6336,
40.0126

■ 51.6385, 58.8631,
56.8372

■ 29.5738, 18.5002,
37.8701

■ 56.7707, 68.5357,
60.3717

■ 28.1355, 16.1095,
35.8933

■ 62.4541, 79.2974,
64.1321

■ 27.0430, 14.3974,
34.0713

■ 66.0982, 85.9666,
67.2551

■ 26.2590, 13.2895,
32.3913

■ 66.4937, 86.1248,
69.3378

■ 25.7261, 12.6712,
30.8338

■ 66.8979, 86.2864,
71.4663

■ 25.6231, 12.5605,
30.5060

■ 67.3109, 86.4516,
73.6409

Harmonies

Analogous

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



37.2039, 36.0254, 54.6356



39.3725, 36.0254, 47.5263



40.1478, 36.0254, 38.9513

Triad

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



39.3725, 36.0254, 47.5263



34.1452, 36.0254, 25.2820



29.6632, 36.0254, 48.0694

Complementary

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



39.3725, 36.0254, 47.5263



36.4708, 43.8430, 38.8900

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.



28.9441, 36.0254, 39.5010



39.3725, 36.0254, 47.5263



31.4399, 36.0254, 27.0253

Square

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



39.3725, 36.0254, 47.5263



37.0285, 36.0254, 26.8115



29.5760, 36.0254, 31.9523



31.5972, 36.0254, 54.9791

Rectangle

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



39.3725, 36.0254, 47.5263



39.7374, 36.0254, 33.7610



29.5760, 36.0254, 31.9523



29.2764, 36.0254, 45.2500

Sweetspot

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



39.3736, 36.0270, 47.5271



78.8607, 79.9478, 91.7953



33.9891, 33.1795, 50.5124



16.8944, 17.0376, 19.7072



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.3736, 36.0270, 47.5271



68.4691, 60.7683, 83.3869



37.8479, 35.4167, 39.4931



9.3090, 9.1340, 10.9745



17.4714, 8.5623, 20.9012



0.6344, 0.3092, 0.8342

Inverse Universe

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



39.3736, 36.0270, 47.5271



68.4691, 60.7683, 83.3869



37.9391, 44.4303, 46.6218



9.3090, 9.1340, 10.9745



17.4714, 8.5623, 20.9012



0.6344, 0.3092, 0.8342

Previews

White Background



This preview shows how the XYZ color 39.3725, 36.0254, 47.5263 looks on a white background.

Color Contrast Check

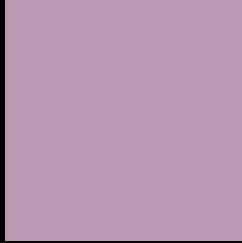
Large Text (above 18pt) WCAG AA × Fail

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 39.3725, 36.0254, 47.5263 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 39.3725, 36.0254, 47.5263

Background



This preview shows how black text looks on a background with the XYZ color 39.3725, 36.0254, 47.5263.



This preview shows how white text looks on a background with the XYZ color 39.3725, 36.0254,

47.5263.

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

39.3725, 36.0254, 47.5263

Protanopia

35.6024, 36.2616, 51.0217

Deuteranopia

36.8403, 36.2141, 47.1678



Tritanopia

37.9670, 35.9317, 41.0108

Trichromacy



Original Color

39.3725, 36.0254, 47.5263

Protanomaly

36.9226, 36.1974, 49.8405

Deuteranomaly

37.6035, 36.1052, 47.1066

Tritanomaly

38.5091, 35.9131, 43.4303

Monochromacy



Original Color

39.3725, 36.0254, 47.5263

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.8398, 36.8145, 43.1945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3725, 36.0254, 47.5263 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(185, 152, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 152, 179)  
}
```

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(185, 152, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 152, 179) }
```

Border

The CSS property to change the border of an element to XYZ 39.3725, 36.0254, 47.5263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

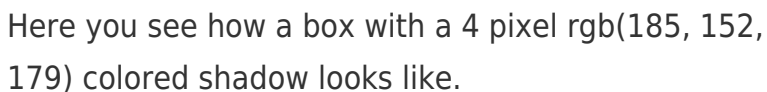
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 152, 179) }
```


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

```
.border{ border-color:rgb(185, 152, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 152, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 152, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 152, 179); box-shadow:4px 4px 4px 4px rgb(185, 152, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3725, 36.0254, 47.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 152, 179) }
```

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

```
.background{ background-color: rgb(185,  
152, 179) }
```

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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