

Converting Colors

XYZ(39.6423, 35.2391, 53.1020)

Have a look what the booklet for
XYZ(39.6423, 35.2391, 53.1020)
contains.

XYZ(39.6999, 35.3594, 52.8767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.6999, 35.3594,
52.8767)**

Conversions

Conversions Part 1

Format	Color
Hex	B895BD
RGB	184, 149, 189
RGB Percent	72%, 58%, 74%
CMY	0.2784, 0.4157, 0.2588
CMYK	0.03, 0.21, 0.00, 0.26
HSL	292°, 23%, 66%
HSV	292°, 21%, 74%
XYZ	39.6999, 35.3594, 52.8767
YIQ	164.0250, 8.0200, 19.8600

Conversions

Conversions Part 2

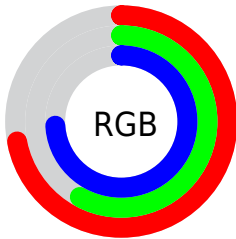
Format	Color
RYB	184, 149, 189
Decimal	12096957
CIELab	66.03, 20.19, -15.78
CIElCh	66, 25.622, 321.991
Yxy	35.3594, 0.3103, 0.2764
Android (android.graphics.Color)	4290287037 (0xFFB895BD)
YUV	164.0250, 12.3127, 17.5181
Hunter-Lab	59.4638, 15.1107, -11.0975

Details

The XYZ color **39.6999, 35.3594, 52.8767** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.9501, 45.4360, 35.2582**, and the grayscale version is **35.2400, 37.0753, 40.3750**.

A 20% lighter version of the original color is **73.7725, 67.8297, 95.5904**, and **18.1717, 15.3382, 25.2954** is the 20% darker color. If you saturate the color by 10%, you get **36.3881, 29.5683, 51.9340**, and if you desaturate by 10%, it is **43.5086, 42.1289, 53.9831**.

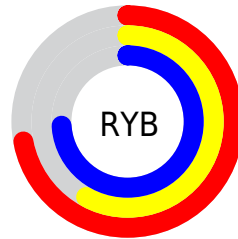
Distribution



Red (72%)

Green (58%)

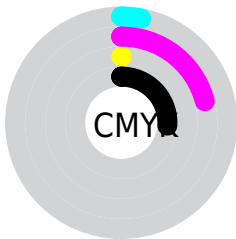
Blue (74%)



Red (72%)

Yellow (58%)

Blue (74%)

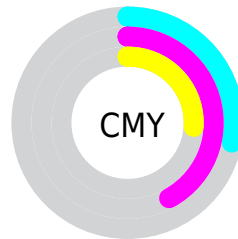


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (26%)



Cyan (28%)


Magenta (42%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6999, 35.3594, 52.8767 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 39.6999, 35.3594, 52.8767 by changing the saturation by 10% instead.


 39.6999, 35.3594,
52.8767


 39.6999, 35.3594,
52.8767


336.0132,
326.1519, 414.8648

 27.4878, 23.9399,
37.3173


 73.9936, 68.0422,
95.8626

 18.0784, 15.2890,
25.1555

 96.8058, 90.0742,
124.1262

 11.1063, 9.0225,
15.9729


123.8822,
116.4125, 157.4616

 6.2062, 4.7558,
9.3508

155.5881,
147.4414, 196.2874

 3.0127, 2.1047,
4.8708

192.2888,
183.5454, 241.0220

 1.1605, 0.6673,
2.1142

234.3496,

 0.0748, 0.0000,

225.1089, 292.0841

0.6242

282.1360,
272.5163, 349.8922

■ 0.0000, 0.0000,
0.0000

■ 39.6999, 35.3594,
52.8767

■ 39.6999, 35.3594,
52.8767

■ 36.3881, 29.5683,
51.9340

■ 43.5086, 42.1289,
53.9831

■ 33.5464, 24.7043,
51.1449

■ 47.8327, 49.9158,
55.2582

■ 31.1507, 20.7182,
50.5018

■ 52.6939, 58.7626,
56.7096

■ 29.1731, 17.5546,
49.9954

■ 58.1115, 68.7080,
58.3438

■ 27.5828, 15.1516,
49.6154

■ 64.1039, 79.7887,
60.1667

■ 26.3443, 13.4387,
49.3500

■ 68.2807, 87.2239,
61.3817

■ 25.4157, 12.3320,
49.1853

■ 68.9091, 87.5479,
61.4111

■ 24.7806, 11.7138,
49.0995

■ 69.5472, 87.8769,
61.4410

■ 70.1952, 88.2109,
61.4713

Harmonies

Analogous

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



36.4190, 35.3594, 61.3450



39.6999, 35.3594, 52.8767



41.3749, 35.3594, 41.4900

Triad

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



39.6999, 35.3594, 52.8767



34.6363, 35.3594, 21.2744



27.2782, 35.3594, 46.8797

Complementary

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



39.6999, 35.3594, 52.8767



36.9501, 45.4360, 35.2582

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.



26.8796, 35.3594, 35.6579



39.6999, 35.3594, 52.8767



30.9456, 35.3594, 22.1746

Square

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



39.6999, 35.3594, 52.8767



38.3110, 35.3594, 24.2546



28.1736, 35.3594, 26.9990



29.3066, 35.3594, 57.4531

Rectangle

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



39.6999, 35.3594, 52.8767



41.2737, 35.3594, 34.3145



28.1736, 35.3594, 26.9990



26.9557, 35.3594, 43.0135

Sweetspot

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



39.7010, 35.3609, 52.8775



81.7286, 82.2846, 97.8012



33.1920, 33.2868, 52.8202



17.4674, 17.5006, 20.9999



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.



39.7010, 35.3609, 52.8775



68.4835, 58.7257, 93.9519



39.4073, 35.3843, 44.9689



9.8094, 9.6341, 12.0148



16.7173, 7.9041, 33.0375



0.6881, 0.3268, 1.2957

Inverse Universe

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



37.5677, 34.6484, 35.2814



64.0755, 57.2642, 57.1106



37.2640, 45.4539, 41.7753



9.5774, 9.5553, 10.1636



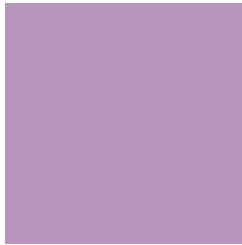
14.2444, 7.3289, 1.3147



0.5741, 0.2935, 0.1362

Previews

White Background



This preview shows how the XYZ color 39.6999, 35.3594, 52.8767 looks on a white background.

Color Contrast Check

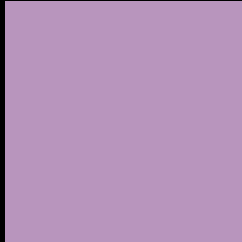
Large Text (above 18pt) WCAG AA × Fail

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 39.6999, 35.3594, 52.8767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

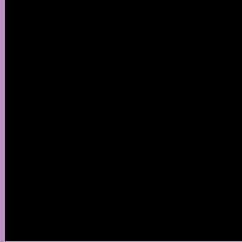
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6999, 35.3594, 52.8767

Background



This preview shows how black text looks on a background with the XYZ color 39.6999, 35.3594, 52.8767.



This preview shows how white text looks on a background with the XYZ color 39.6999, 35.3594,

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

39.6999, 35.3594, 52.8767

Protanopia

35.3108, 35.4572, 57.2074

Deuteranopia

36.2383, 35.5313, 52.5252



Tritanopia

37.2388, 35.3228, 40.4526

Trichromacy



Original Color

39.6999, 35.3594, 52.8767

Protanomaly

36.6568, 35.1855, 55.3115

Deuteranomaly

37.4273, 35.4000, 52.4372

Tritanomaly

38.1596, 35.4575, 44.8772

Monochromacy



Original Color

39.6999, 35.3594, 52.8767

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7355, 36.4713, 44.6387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6999, 35.3594, 52.8767 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(184, 149, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 149, 189)  
}
```

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(184, 149, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 149, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.6999, 35.3594, 52.8767 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(184, 149, 189) }
```


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

```
.border{ border-color:rgb(184, 149, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 149, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 149, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 149, 189);  
box-shadow:4px 4px 4px 4px rgb(184, 149,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6999, 35.3594, 52.8767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 149, 189) }
```

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

```
.background{ background-color: rgb(184,  
149, 189) }
```

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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