

Converting Colors

XYZ(43.6803, 39.8798, 52.7393)

Have a look what the booklet for
XYZ(43.6803, 39.8798, 52.7393)
contains.

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Color

**XYZ(43.7234, 39.8964,
52.9733)**

Conversions

Conversions Part 1

Format	Color
Hex	C29FBC
RGB	194, 159, 188
RGB Percent	76%, 62%, 74%
CMY	0.2392, 0.3765, 0.2627
CMYK	0.00, 0.18, 0.03, 0.24
HSL	310°, 22%, 69%
HSV	310°, 18%, 76%
XYZ	43.7234, 39.8964, 52.9733
YIQ	172.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

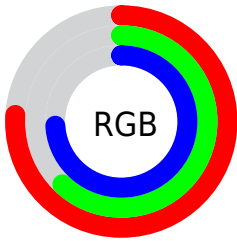
Format	Color
RYB	194, 159, 188
Decimal	12754876
CIELab	69.40, 17.89, -10.07
CIELCh	69, 20.530, 330.638
Yxy	39.8964, 0.3201, 0.2921
Android (android.graphics.Color)	4290944956 (0xFFC29FBC)
YUV	172.7710, 7.5079, 18.6178
Hunter-Lab	63.1636, 13.0258, -5.5101

Details

The XYZ color **43.7234, 39.8964, 52.9733** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.3830, 48.6723, 42.8658**, and the grayscale version is **39.5637, 41.6241, 45.3286**.

A 20% lighter version of the original color is **80.1594, 75.1340, 95.8654**, and **20.4461, 17.8401, 25.2875** is the 20% darker color. If you saturate the color by 10%, you get **40.2915, 33.5993, 50.0809**, and if you desaturate by 10%, it is **47.6895, 47.2475, 56.0854**.

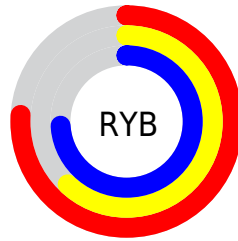
Distribution



Red (76%)

Green (62%)

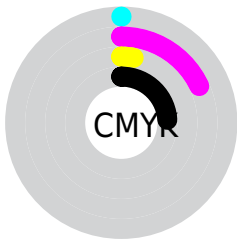
Blue (74%)



Red (76%)

Yellow (62%)

Blue (74%)

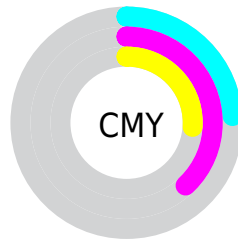


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7234, 39.8964, 52.9733 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 43.7234, 39.8964, 52.9733 by changing the saturation by 10% instead.


 43.7234, 39.8964,
52.9733

 43.7234, 39.8964,
52.9733


352.4497,
345.6867, 415.2461

 30.6501, 27.4578,
37.3939

 80.0503, 75.0057,
96.0062

 20.4831, 17.9173,
25.2144


 104.0346, 98.4452,
124.2968

 12.8570, 10.8906,
16.0164


132.3866,
126.3205, 157.6615

 7.4064, 5.9933,
9.3813

165.4717,
159.0159, 196.5189

 3.7661, 2.8410,
4.8905

203.6551,
196.9158, 241.2875

 1.5707, 1.0493,
2.1255

247.3024,

 0.3732, 0.0000,

240.4046, 292.3859

0.6309

296.7788,
289.8668, 350.2326

■ 0.0000, 0.0000,
0.0000

■ 43.7234, 39.8964,
52.9733

■ 43.7234, 39.8964,
52.9733

■ 40.2915, 33.5993,
50.0809

■ 47.6895, 47.2475,
56.0854

■ 37.3659, 28.3021,
47.3974

■ 52.2091, 55.6929,
59.4226

■ 34.9213, 23.9541,
44.9144

■ 57.3048, 65.2771,
62.9932

■ 32.9291, 20.4978,
42.6222

■ 62.9970, 76.0408,
66.8042

■ 31.3573, 17.8696,
40.5098

■ 68.9835, 87.3795,
70.7551

■ 30.1700, 15.9974,
38.5650

■ 69.3885, 87.5415,
72.8875

■ 29.3248, 14.7968,
36.7733

■ 69.8020, 87.7069,
75.0652

■ 28.7574, 14.1391,
35.1131

■ 70.2242, 87.8758,
77.2884

■ 28.6586, 14.0336,
34.7962

■ 70.6551, 88.0482,
79.5573

Harmonies

Analogous

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



41.2466, 39.8964, 61.0259



43.7234, 39.8964, 52.9733



44.6253, 39.8964, 43.2383

Triad

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



43.7234, 39.8964, 52.9733



37.8497, 39.8964, 27.6857



32.7189, 39.8964, 53.3745

Complementary

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



43.7234, 39.8964, 52.9733



40.3830, 48.6723, 42.8658

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.



31.9230, 39.8964, 43.6432



43.7234, 39.8964, 52.9733



34.7779, 39.8964, 29.6063

Square

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



43.7234, 39.8964, 52.9733



41.1173, 39.8964, 29.4498



32.6549, 39.8964, 35.1258



34.8936, 39.8964, 61.2802

Rectangle

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



43.7234, 39.8964, 52.9733



44.1734, 39.8964, 37.3451



32.6549, 39.8964, 35.1258



32.2871, 39.8964, 50.1652

Sweetspot

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



43.7246, 39.8981, 52.9742



88.7176, 89.9183, 103.3577



37.6198, 36.6747, 56.1359



19.3036, 19.4586, 22.5409



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.



43.7246, 39.8981, 52.9742



76.4209, 67.1384, 93.6680



41.9666, 39.1950, 43.7169



10.4208, 10.2169, 12.3063



18.8685, 9.2372, 23.0173



0.8353, 0.4071, 1.1000

Inverse Universe

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



43.7246, 39.8981, 52.9742



76.4209, 67.1384, 93.6680



42.0693, 49.3469, 51.7457



10.4208, 10.2169, 12.3063



18.8685, 9.2372, 23.0173



0.8353, 0.4071, 1.1000

Previews

White Background



This preview shows how the XYZ color 43.7234, 39.8964, 52.9733 looks on a white background.

Color Contrast Check

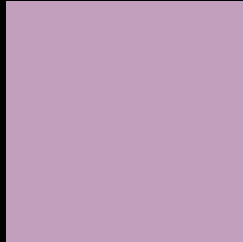
Large Text (above 18pt) WCAG AA × Fail

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 43.7234, 39.8964, 52.9733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

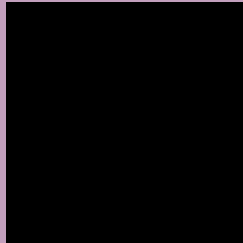
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7234, 39.8964, 52.9733

Background



This preview shows how black text looks on a background with the XYZ color 43.7234, 39.8964, 52.9733.



This preview shows how white text looks on a background with the XYZ color 43.7234, 39.8964,

52.9733.

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

43.7234, 39.8964, 52.9733

Protanopia

39.2573, 39.8996, 56.6713

Deuteranopia

40.7849, 39.9631, 52.5778



Tritanopia

42.1231, 39.7522, 45.4972

Trichromacy



Original Color

43.7234, 39.8964, 52.9733

Protanomaly

40.8741, 39.9461, 55.4253

Deuteranomaly

41.8340, 39.9726, 52.5243

Tritanomaly

42.6998, 39.7337, 48.0667

Monochromacy



Original Color

43.7234, 39.8964, 52.9733

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.0946, 41.0434, 47.8757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7234, 39.8964, 52.9733 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(194, 159, 188)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 188)  
}
```

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(194, 159, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.7234, 39.8964, 52.9733 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(194, 159, 188) }
```


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

```
.border{ border-color:rgb(194, 159, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 188);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7234, 39.8964, 52.9733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 188) }
```

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

```
.background{ background-color: rgb(194,  
159, 188) }
```

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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