

Converting Colors

XYZ(39.6266, 37.8940, 42.9659)

Have a look what the booklet for
XYZ(39.6266, 37.8940, 42.9659)
contains.

XYZ(39.5672, 37.9751, 42.7806)	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(39.5672, 37.9751,
42.7806)**

Conversions

Conversions Part 1

Format	Color
Hex	B99FA9
RGB	185, 159, 169
RGB Percent	73%, 62%, 66%
CMY	0.2745, 0.3765, 0.3373
CMYK	0.00, 0.14, 0.09, 0.27
HSL	337°, 16%, 67%
HSV	337°, 14%, 73%
XYZ	39.5672, 37.9751, 42.7806
YIQ	167.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

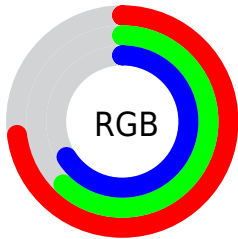
Format	Color
RYB	185, 159, 169
Decimal	12165033
CIELab	68.00, 11.26, -1.65
CIELCh	68, 11.380, 351.647
Yxy	37.9751, 0.3288, 0.3156
Android (android.graphics.Color)	4290355113 (0xFFB99FA9)
YUV	167.9140, 0.5354, 14.9844
Hunter-Lab	61.6239, 6.7685, 1.9764

Details

The XYZ color **39.5672, 37.9751, 42.7806** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3864, 45.1651, 47.2016**, and the grayscale version is **37.1714, 39.1072, 42.5877**.

A 20% lighter version of the original color is **73.7767, 72.1757, 80.5639**, and **18.0892, 16.9150, 19.1411** is the 20% darker color. If you saturate the color by 10%, you get **35.5983, 31.6737, 36.4116**, and if you desaturate by 10%, it is **44.1076, 45.2694, 49.8003**.

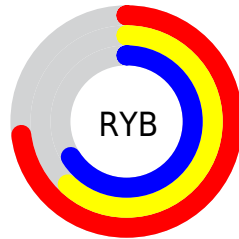
Distribution



Red (73%)

Green (62%)

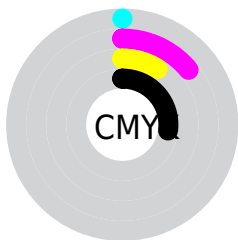
Blue (66%)



Red (73%)

Yellow (62%)

Blue (66%)

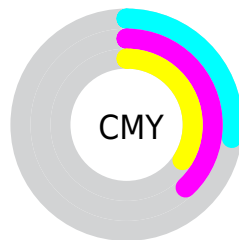


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5672, 37.9751, 42.7806 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 39.5672, 37.9751, 42.7806 by changing the saturation by 10% instead.


 39.5672, 37.9751,
42.7806


 39.5672, 37.9751,
42.7806


335.4618,
337.5131, 373.6034

 27.3840, 25.9634,
29.3829


 73.7925, 72.0700,
80.6625

 17.9999, 16.7962,
19.1226


 96.5654, 94.9219,
105.9837

 11.0496, 10.0893,
11.5812


123.5988,
122.1560, 136.1165

 6.1677, 5.4582,
6.3401

155.2581,
154.1567, 171.4795

 2.9890, 2.5185,
2.9809

191.9087,
191.3084, 212.4911

 1.1479, 0.8859,
1.0849

233.9159,

 0.0647, 0.0000,

233.9954, 259.5699

0.0000

281.6452,
282.6022, 313.1345

■ 0.0000, 0.0000,
0.0000

■ 39.5672, 37.9751,
42.7806

■ 39.5672, 37.9751,
42.7806

■ 35.5983, 31.6737,
36.4116

■ 44.1076, 45.2694,
49.8003

■ 32.1740, 26.3169,
30.6714

■ 49.2381, 53.5920,
57.4868

■ 29.2705, 21.8603,
25.5404

■ 54.9809, 62.9828,
65.8587

■ 26.8605, 18.2535,
20.9967

■ 61.3556, 73.4779,
74.9331

■ 24.9142, 15.4414,
17.0171

■ 68.3811, 85.1119,
84.7266

■ 23.3985, 13.3620,
13.5768

■ 71.1004, 87.9675,
93.5965

■ 22.2754, 11.9443,
10.6484

■ 72.8206, 88.6555,
102.6549

■ 21.4996, 11.1027,
8.2011

■ 73.8179, 89.0544,
107.9064

■ 21.1497, 10.7712,
6.9491

Harmonies

Analogous

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



38.8294, 37.9751, 47.6961



39.5672, 37.9751, 42.7806



39.3508, 37.9751, 37.8562

Triad

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



39.5672, 37.9751, 42.7806



34.8533, 37.9751, 32.9345



34.0233, 37.9751, 49.4726

Complementary

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



39.5672, 37.9751, 42.7806



39.3864, 45.1651, 47.2016

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.



33.0224, 37.9751, 45.0491



39.5672, 37.9751, 42.7806



33.4905, 37.9751, 35.5905

Square

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



39.5672, 37.9751, 42.7806



36.5909, 37.9751, 32.4352



32.8306, 37.9751, 39.9486



35.6020, 37.9751, 51.7610

Rectangle

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



39.5672, 37.9751, 42.7806



38.6975, 37.9751, 35.2036



32.8306, 37.9751, 39.9486



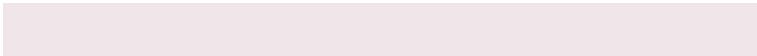
33.6103, 37.9751, 48.1697

Sweetspot

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



39.5683, 37.9768, 42.7814



78.9838, 81.0578, 89.1734



38.7460, 37.3686, 51.0704



16.8880, 17.2496, 19.0118



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.



39.5683, 37.9768, 42.7814



68.4626, 64.1839, 72.8150



39.1169, 38.5191, 38.1761



9.1437, 9.0679, 10.1042



14.4341, 7.3474, 4.9068



0.5394, 0.2713, 0.3341

Inverse Universe

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



39.5683, 37.9768, 42.7814



68.4626, 64.1839, 72.8150



39.8663, 44.4948, 52.3868



9.1437, 9.0679, 10.1042



14.4341, 7.3474, 4.9068



0.5394, 0.2713, 0.3341

Previews

White Background



This preview shows how the XYZ color 39.5672, 37.9751, 42.7806 looks on a white background.

Color Contrast Check

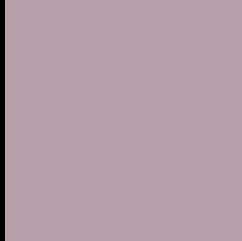
Large Text (above 18pt) WCAG AA × Fail

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 39.5672, 37.9751, 42.7806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

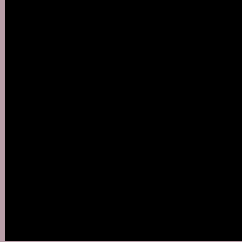
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5672, 37.9751, 42.7806

Background



This preview shows how black text looks on a background with the XYZ color 39.5672, 37.9751, 42.7806.



This preview shows how white text looks on a background with the XYZ color 39.5672, 37.9751,

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

39.5672, 37.9751, 42.7806

Protanopia

36.8379, 38.1043, 44.4430

Deuteranopia

38.9624, 38.1781, 42.8517



Tritanopia

39.7564, 38.0508, 43.7772

Trichromacy



Original Color

39.5672, 37.9751, 42.7806

Protanomaly

37.9034, 38.1333, 43.8908

Deuteranomaly

39.0236, 37.9513, 42.8047

Tritanomaly

39.6614, 38.0128, 43.2770

Monochromacy



Original Color

39.5672, 37.9751, 42.7806

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.9786, 38.7361, 42.5209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5672, 37.9751, 42.7806 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, 159, 169)` looks like.

```
.text, #text, p{  
    color:rgb(185, 159, 169)  
}
```

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, 159, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 159, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.5672, 37.9751, 42.7806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

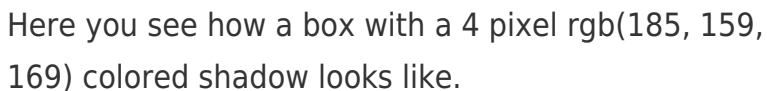
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 159, 169) }
```


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

```
.border{ border-color:rgb(185, 159, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 159, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 159, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 159, 169); box-shadow:4px 4px 4px 4px rgb(185, 159, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5672, 37.9751, 42.7806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 159, 169) }
```

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

```
.background{ background-color: rgb(185,  
159, 169) }
```

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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