

Converting Colors

XYZ(39.7607, 32.8807, 49.2497)

Have a look what the booklet for
XYZ(39.7607, 32.8807, 49.2497)
contains.

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Color

**XYZ(39.7410, 32.7796,
49.0323)**

Conversions

Conversions Part 1

Format	Color
Hex	C289B7
RGB	194, 137, 183
RGB Percent	76%, 54%, 72%
CMY	0.2392, 0.4627, 0.2823
CMYK	0.00, 0.29, 0.06, 0.24
HSL	312°, 32%, 65%
HSV	312°, 29%, 76%
XYZ	39.7410, 32.7796, 49.0323
YIQ	159.2870, 19.2060, 26.3900

Conversions

Conversions Part 2

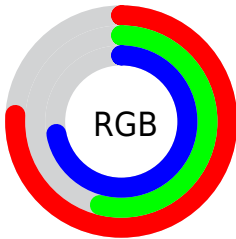
Format	Color
RYB	194, 137, 183
Decimal	12749239
CIELab	63.98, 29.13, -15.40
CIELCh	64, 32.953, 332.142
Yxy	32.7796, 0.3269, 0.2697
Android (android.graphics.Color)	4290939319 (0xFFC289B7)
YUV	159.2870, 11.6905, 30.4433
Hunter-Lab	57.2535, 23.7075, -10.6990

Details

The XYZ color **39.7410, 32.7796, 49.0323** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.9549, 46.0409, 35.0634**, and the grayscale version is **33.0289, 34.7489, 37.8416**.

A 20% lighter version of the original color is **73.9945, 64.0028, 90.1152**, and **18.1723, 13.8427, 22.8332** is the 20% darker color. If you saturate the color by 10%, you get **36.8430, 27.5985, 46.1693**, and if you desaturate by 10%, it is **43.1472, 38.9594, 52.1165**.

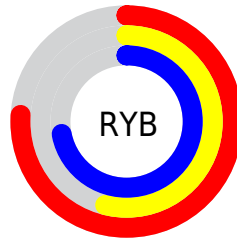
Distribution



Red (76%)

Green (54%)

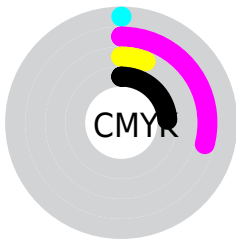
Blue (72%)



Red (76%)

Yellow (54%)

Blue (72%)

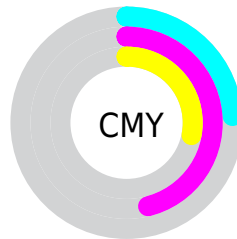


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (46%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7410, 32.7796, 49.0323 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 39.7410, 32.7796, 49.0323 by changing the saturation by 10% instead.


 39.7410, 32.7796,
49.0323


 39.7410, 32.7796,
49.0323


336.1839,
314.6554, 399.4956

 27.5200, 21.9577,
34.2793


 74.0558, 64.0313,
90.1209

 18.1027, 13.8258,
22.8292


 96.8803, 85.2298,
117.2936

 11.1239, 7.9996,
14.2633


 123.9700,
110.6560, 149.4433

 6.2181, 4.0947,
8.1632

155.6902,
140.6942, 186.9886

 3.0201, 1.7267,
4.1103

192.4064,
175.7289, 230.3479

 1.1644, 0.4408,
1.6860

234.4838,

 0.0780, 0.0000,

216.1444, 279.9398

0.3511

282.2879,
262.3251, 336.1828

■ 0.0000, 0.0000,
0.0000

■ 39.7410, 32.7796,
49.0323

■ 39.7410, 32.7796,
49.0323

■ 36.8430, 27.5985,
46.1693

■ 43.1472, 38.9594,
52.1165

■ 34.4235, 23.3585,
43.5163

■ 47.0833, 46.1828,
55.4285

■ 32.4544, 20.0029,
41.0638

■ 51.5732, 54.4971,
58.9771

■ 30.9033, 17.4672,
38.8005

■ 56.6387, 63.9456,
62.7698

■ 29.7335, 15.6778,
36.7139

■ 62.3003, 74.5691,
66.8139

■ 28.9015, 14.5482,
34.7891

■ 68.5774, 86.4064,
71.1163

■ 28.3295, 13.9228,
32.9997

■ 69.5429, 87.6033,
73.7014

■ 28.2966, 13.8887,
32.8911

■ 70.0126, 87.7912,
76.1752

■ 70.4934, 87.9835,
78.7067

Harmonies

Analogous

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



36.1549, 32.7796, 62.0356



39.7410, 32.7796, 49.0323



40.9638, 32.7796, 34.7436

Triad

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



39.7410, 32.7796, 49.0323



30.8233, 32.7796, 15.7424



24.1870, 32.7796, 51.1078

Complementary

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



39.7410, 32.7796, 49.0323



34.9549, 46.0409, 35.0634

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.



23.0538, 32.7796, 36.6563



39.7410, 32.7796, 49.0323



26.6405, 32.7796, 18.1144

Square

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



39.7410, 32.7796, 49.0323



35.5200, 32.7796, 17.5127



23.9060, 32.7796, 25.0206



27.1650, 32.7796, 63.4283

Rectangle

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



39.7410, 32.7796, 49.0323



40.1855, 32.7796, 26.8903



23.9060, 32.7796, 25.0206



23.5918, 32.7796, 46.2296

Sweetspot

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



39.7420, 32.7811, 49.0330



85.4830, 84.0041, 100.5689



30.7983, 28.0329, 54.8270



18.4738, 17.9424, 21.8224



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.



39.7420, 32.7811, 49.0330



68.6530, 53.3848, 85.5847



37.1156, 31.7305, 35.2023



10.4113, 10.2131, 12.2562



18.6330, 9.1430, 21.7773



0.8270, 0.4038, 1.0563

Inverse Universe

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



39.7420, 32.7811, 49.0330



68.6530, 53.3848, 85.5847



37.4410, 47.0353, 48.1548



10.4113, 10.2131, 12.2562



18.6330, 9.1430, 21.7773



0.8270, 0.4038, 1.0563

Previews

White Background



This preview shows how the XYZ color 39.7410, 32.7796, 49.0323 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 39.7410, 32.7796, 49.0323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

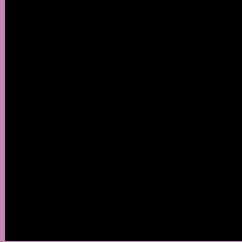
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7410, 32.7796, 49.0323

Background



This preview shows how black text looks on a background with the XYZ color 39.7410, 32.7796, 49.0323.



This preview shows how white text looks on a background with the XYZ color 39.7410, 32.7796,

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

39.7410, 32.7796, 49.0323

Protanopia

33.0830, 33.0711, 56.2695

Deuteranopia

33.5670, 33.0209, 47.7845



Tritanopia

36.6580, 32.5931, 34.4960

Trichromacy



Original Color

39.7410, 32.7796, 49.0323

Protanomaly

35.0981, 32.7279, 53.7575

Deuteranomaly

35.5688, 32.8616, 48.1843

Tritanomaly

37.5648, 32.5129, 39.4177

Monochromacy



Original Color

39.7410, 32.7796, 49.0323

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.1477, 33.7310, 41.7040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7410, 32.7796, 49.0323 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, 137, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 137, 183)  
}
```

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, 137, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 137, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.7410, 32.7796, 49.0323 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, 137, 183) }
```


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

```
.border{ border-color:rgb(194, 137, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 137, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 137, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 137, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 137,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7410, 32.7796, 49.0323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 137, 183) }
```

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

```
.background{ background-color: rgb(194,  
137, 183) }
```

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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