

Converting Colors

XYZ(40.0565, 32.1287, 48.6769)

Have a look what the booklet for
XYZ(40.0565, 32.1287, 48.6769)
contains.

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Color

**XYZ(39.9607, 32.0643,
48.8826)**

Conversions

Conversions Part 1

Format	Color
Hex	C585B7
RGB	197, 133, 183
RGB Percent	77%, 52%, 72%
CMY	0.2274, 0.4784, 0.2823
CMYK	0.00, 0.32, 0.07, 0.23
HSL	313°, 36%, 65%
HSV	313°, 32%, 77%
XYZ	39.9607, 32.0643, 48.8826
YIQ	157.8360, 22.0940, 29.1180

Conversions

Conversions Part 2

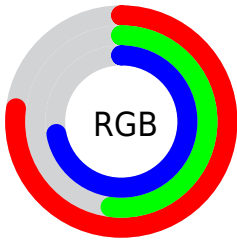
Format	Color
RYB	197, 133, 183
Decimal	12944823
CIELab	63.40, 32.35, -16.25
CIELCh	63, 36.201, 333.323
Yxy	32.0643, 0.3305, 0.2652
Android (android.graphics.Color)	4291134903 (0xFFC585B7)
YUV	157.8360, 12.4059, 34.3468
Hunter-Lab	56.6253, 26.8737, -11.5452

Details

The XYZ color **39.9607, 32.0643, 48.8826** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.9069, 47.0265, 34.8430**, and the grayscale version is **32.3646, 34.0500, 37.0805**.

A 20% lighter version of the original color is **74.2234, 62.8435, 89.8794**, and **18.2019, 13.3971, 22.7456** is the 20% darker color. If you saturate the color by 10%, you get **37.0708, 26.9910, 45.7402**, and if you desaturate by 10%, it is **43.3721, 38.1576, 52.2673**.

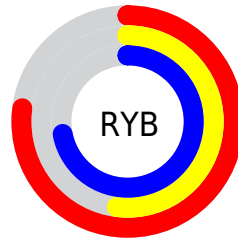
Distribution



Red (77%)

Green (52%)

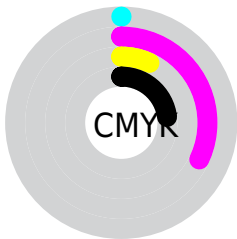
Blue (72%)



Red (77%)

Yellow (52%)

Blue (72%)

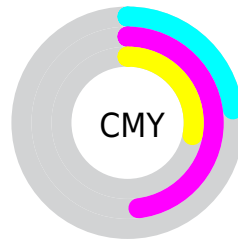


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9607, 32.0643, 48.8826 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 39.9607, 32.0643, 48.8826 by changing the saturation by 10% instead.

39.9607, 32.0643,
48.8826

39.9607, 32.0643,
48.8826

337.0952,
311.4121, 398.8891

27.6920, 21.4106,
34.1614

74.3884, 62.9119,
89.8962

18.2329, 13.4245,
22.7393

97.2781, 83.8746,
117.0258

11.2180, 7.7215,
14.1976

124.4388,
109.0424, 149.1285

6.2820, 3.9173,
8.1179

156.2359,
138.7997, 186.6230

3.0596, 1.6274,
4.0816

193.0347,
173.5309, 229.9278

1.1854, 0.3760,
1.6702

235.2006,

0.0948, 0.0000,

213.6205, 279.4613

0.3402

283.0990,
259.4527, 335.6423

■ 0.0000, 0.0000,
0.0000

■ 39.9607, 32.0643,
48.8826

■ 39.9607, 32.0643,
48.8826

■ 37.0708, 26.9910,
45.7402

■ 43.3721, 38.1576,
52.2673

■ 34.6710, 22.8766,
42.8279

■ 47.3283, 45.3188,
55.9017

■ 32.7311, 19.6603,
40.1355

■ 51.8547, 53.5982,
59.7951

■ 31.2160, 17.2723,
37.6507

■ 56.9743, 63.0414,
63.9558

■ 30.0857, 15.6327,
35.3595

■ 62.7088, 73.6915,
68.3914

■ 29.2922, 14.6458,
33.2453

■ 69.0787, 85.5896,
73.1096

■ 28.8509, 14.2003,
31.7503

■ 70.8178, 88.2031,
76.3554

■ 71.3728, 88.4251,
79.2782

■ 71.9425, 88.6530,
82.2782

Harmonies

Analogous

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



36.1040, 32.0643, 63.5477



39.9607, 32.0643, 48.8826



41.1868, 32.0643, 33.3313

Triad

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



39.9607, 32.0643, 48.8826



29.9189, 32.0643, 13.9187



23.0881, 32.0643, 52.4468

Complementary

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



39.9607, 32.0643, 48.8826



34.9069, 47.0265, 34.8430

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.



21.8047, 32.0643, 36.5431



39.9607, 32.0643, 48.8826



25.4658, 32.0643, 16.5059

Square

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



39.9607, 32.0643, 48.8826



35.0276, 32.0643, 15.5505



22.6253, 32.0643, 23.8953



26.3371, 32.0643, 65.9717

Rectangle

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



39.9607, 32.0643, 48.8826



40.2479, 32.0643, 25.0544



22.6253, 32.0643, 23.8953



22.4298, 32.0643, 47.0672

Sweetspot

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



39.9617, 32.0657, 48.8833



86.5626, 84.4416, 101.7041



30.4758, 26.9987, 56.4288



18.2911, 17.6422, 21.5608



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.



39.9617, 32.0657, 48.8833



67.7960, 50.7833, 83.5025



37.0114, 30.8856, 33.3474



10.9799, 10.7754, 12.8776



19.0085, 9.3530, 21.0526



0.9254, 0.4530, 1.1304

Inverse Universe

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



39.9617, 32.0657, 48.8833



67.7960, 50.7833, 83.5025



37.7635, 48.1692, 49.8854



10.9799, 10.7754, 12.8776



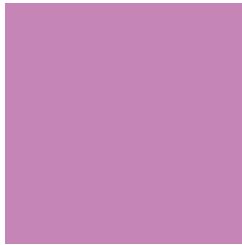
19.0085, 9.3530, 21.0526



0.9254, 0.4530, 1.1304

Previews

White Background



This preview shows how the XYZ color 39.9607, 32.0643, 48.8826 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 39.9607, 32.0643, 48.8826 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 39.9607, 32.0643, 48.8826

Background



This preview shows how black text looks on a background with the XYZ color 39.9607, 32.0643, 48.8826.



This preview shows how white text looks on a background with the XYZ color 39.9607, 32.0643,

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

39.9607, 32.0643, 48.8826

Protanopia

32.5197, 32.2816, 56.7416

Deuteranopia

32.8549, 32.1759, 47.6589



Tritanopia

36.7300, 32.0047, 33.0958

Trichromacy



Original Color

39.9607, 32.0643, 48.8826

Protanomaly

34.6336, 31.7989, 53.6026

Deuteranomaly

35.1083, 31.9406, 48.0308

Tritanomaly

37.7154, 31.9693, 38.3653

Monochromacy



Original Color

39.9607, 32.0643, 48.8826

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.7358, 33.0556, 41.1088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9607, 32.0643, 48.8826 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(197, 133, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 133, 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(197, 133, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 133, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.9607, 32.0643, 48.8826 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(197, 133, 183) }
```


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

```
.border{ border-color:rgb(197, 133, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 133, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 133, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 133, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 133,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9607, 32.0643, 48.8826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 133, 183) }
```

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

```
.background{ background-color: rgb(197,  
133, 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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