

Converting Colors

XYZ(38.5606, 32.8249, 48.5594)

Have a look what the booklet for
XYZ(38.5606, 32.8249, 48.5594)
contains.

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Color

**XYZ(38.5606, 32.8249,
48.5594)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8CB6
RGB	188, 140, 182
RGB Percent	74%, 55%, 71%
CMY	0.2627, 0.4510, 0.2863
CMYK	0.00, 0.26, 0.03, 0.26
HSL	308°, 26%, 64%
HSV	308°, 26%, 74%
XYZ	38.5606, 32.8249, 48.5594
YIQ	159.1400, 15.1260, 23.2380

Conversions

Conversions Part 2

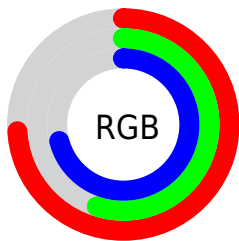
Format	Color
RYB	188, 140, 182
Decimal	12356790
CIELab	64.02, 25.24, -14.84
CIELCh	64, 29.276, 329.542
Yxy	32.8249, 0.3215, 0.2737
Android (android.graphics.Color)	4290546870 (0xFFBC8CB6)
YUV	159.1400, 11.2700, 25.3102
Hunter-Lab	57.2930, 19.8752, -10.1469

Details

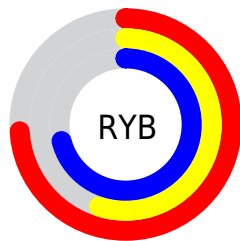
The XYZ color **38.5606, 32.8249, 48.5594** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.9881, 43.6182, 33.8238**, and the grayscale version is **32.9647, 34.6814, 37.7681**.

A 20% lighter version of the original color is **72.3806, 64.1691, 89.4599**, and **17.3663, 13.7981, 22.5169** is the 20% darker color. If you saturate the color by 10%, you get **35.8042, 27.6970, 46.4525**, and if you desaturate by 10%, it is **41.7924, 38.8960, 50.8456**.

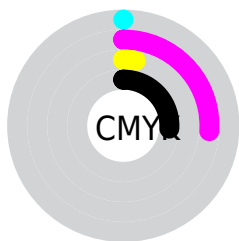
Distribution



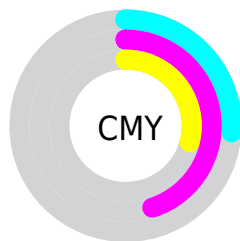
- Red (74%)
- Green (55%)
- Blue (71%)



- Red (74%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (26%)
- Yellow (3%)
- Black (26%)





- Cyan (26%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5606, 32.8249, 48.5594 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 38.5606, 32.8249, 48.5594 by changing the saturation by 10% instead.


 38.5606, 32.8249,
48.5594


 38.5606, 32.8249,
48.5594


331.2581,
314.8600, 397.5777


 26.5973, 21.9923,
33.9070


 72.2650, 64.1021,
89.4109

 17.4060, 13.8513,
22.5454


 94.7367, 85.3154,
116.4471

 10.6215, 8.0173,
14.0560


 121.4419,
110.7579, 148.4482

 5.8783, 4.1060,
8.0204

152.7460,
140.8138, 185.8329

 2.8112, 1.7330,
4.0201

189.0143,
175.8676, 229.0196

 1.0547, 0.4449,
1.6364

230.6122,

 0.0000, 0.0000,

216.3036, 278.4270

0.3166

277.9050,
262.5063, 334.4735

■ 0.0000, 0.0000,
0.0000

■ 38.5606, 32.8249,
48.5594

■ 38.5606, 32.8249,
48.5594

■ 35.8042, 27.6970,
46.4525

■ 41.7924, 38.8960,
50.8456

■ 33.4963, 23.4602,
44.5148

■ 45.5188, 45.9502,
53.3165

■ 31.6119, 20.0640,
42.7382

■ 49.7616, 54.0305,
55.9798

■ 30.1225, 17.4513,
41.1131

■ 54.5402, 63.1760,
58.8421

■ 28.9958, 15.5575,
39.6286

■ 59.8733, 73.4238,
61.9098

■ 28.1944, 14.3081,
38.2722

■ 65.7785, 84.8092,
65.1887

■ 27.6721, 13.6106,
37.0283

■ 66.7447, 86.3097,
66.8420

■ 27.4852, 13.3899,
36.4941

■ 67.0188, 86.4193,
68.2854

■ 67.2971, 86.5306,
69.7510

Harmonies

Analogous

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



35.2825, 32.8249, 59.4148



38.5606, 32.8249, 48.5594



39.8368, 32.8249, 35.9230

Triad

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



38.5606, 32.8249, 48.5594



31.2627, 32.8249, 17.4751



24.7852, 32.8249, 48.1739

Complementary

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



38.5606, 32.8249, 48.5594



33.9881, 43.6182, 33.8238

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.



23.9100, 32.8249, 35.5591



38.5606, 32.8249, 48.5594



27.4436, 32.8249, 19.3755

Square

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



38.5606, 32.8249, 48.5594



35.4020, 32.8249, 19.4967



24.8397, 32.8249, 25.4033



27.3427, 32.8249, 59.1598

Rectangle

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



38.5606, 32.8249, 48.5594



39.3009, 32.8249, 28.6575



24.8397, 32.8249, 25.4033



24.2950, 32.8249, 43.9044

Sweetspot

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



38.5616, 32.8263, 48.5601



80.6500, 79.7758, 95.4292



30.2397, 28.4630, 51.4777



17.1192, 16.7305, 20.3744



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.



38.5616, 32.8263, 48.5601



66.7987, 53.7360, 85.6858



36.3243, 31.9314, 36.7788



9.8772, 9.6752, 11.7425



18.7320, 9.1239, 24.9460



0.7483, 0.3632, 1.0540

Inverse Universe

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



38.5616, 32.8263, 48.5601



66.7987, 53.7360, 85.6858



36.0175, 44.4300, 44.5108



9.8772, 9.6752, 11.7425



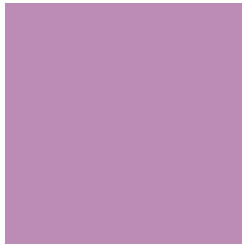
18.7320, 9.1239, 24.9460



0.7483, 0.3632, 1.0540

Previews

White Background



This preview shows how the XYZ color 38.5606, 32.8249, 48.5594 looks on a white background.

Color Contrast Check

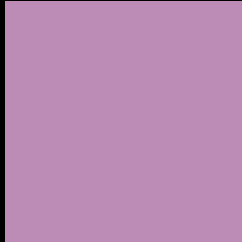
Large Text (above 18pt) WCAG AA × Fail

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 38.5606, 32.8249, 48.5594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

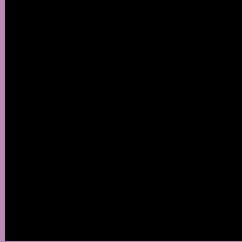
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5606, 32.8249, 48.5594

Background



This preview shows how black text looks on a background with the XYZ color 38.5606, 32.8249, 48.5594.



This preview shows how white text looks on a background with the XYZ color 38.5606, 32.8249,

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

38.5606, 32.8249, 48.5594

Protanopia

32.9922, 33.0758, 53.9356

Deuteranopia

33.7645, 33.1227, 47.7938



Tritanopia

36.1337, 32.9654, 35.9110

Trichromacy



Original Color

38.5606, 32.8249, 48.5594

Protanomaly

34.7248, 32.8071, 52.0792

Deuteranomaly

35.5080, 33.0621, 48.2262

Tritanomaly

36.8637, 32.8006, 39.9855

Monochromacy



Original Color

38.5606, 32.8249, 48.5594

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.7809, 33.7925, 41.2487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5606, 32.8249, 48.5594 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(188, 140, 182)` looks like.

```
.text, #text, p{  
    color:rgb(188, 140, 182)  
}
```

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(188, 140, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 140, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.5606, 32.8249, 48.5594 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(188, 140, 182) }
```


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

```
.border{ border-color:rgb(188, 140, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 140, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 140, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 140, 182);  
box-shadow:4px 4px 4px 4px rgb(188, 140,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5606, 32.8249, 48.5594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 140, 182) }
```

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

```
.background{ background-color: rgb(188,  
140, 182) }
```

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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