

Converting Colors

XYZ(38.4141, 32.7694, 43.8408)

Have a look what the booklet for
XYZ(38.4141, 32.7694, 43.8408)
contains.

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Color

**XYZ(38.4068, 32.8497,
43.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8CAD
RGB	191, 140, 173
RGB Percent	75%, 55%, 68%
CMY	0.2510, 0.4510, 0.3216
CMYK	0.00, 0.27, 0.09, 0.25
HSL	321°, 28%, 65%
HSV	321°, 27%, 75%
XYZ	38.4068, 32.8497, 43.8515
YIQ	159.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

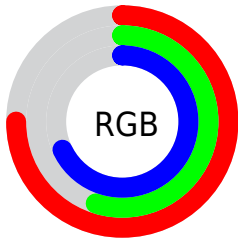
Format	Color
R _Y B	191, 140, 173
Decimal	12553389
CIE Lab	64.04, 24.66, -9.70
CIE LCh	64, 26.495, 338.528
Yxy	32.8497, 0.3337, 0.2854
Android (android.graphics.Color)	4290743469 (0xFFBF8CAD)
YUV	159.0110, 6.8966, 28.0544
Hunter-Lab	57.3147, 19.3130, -5.2426

Details

The XYZ color **38.4068, 32.8497, 43.8515** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.6190, 45.3067, 39.2177**, and the grayscale version is **32.9237, 34.6382, 37.7211**.

A 20% lighter version of the original color is **72.0068, 64.1415, 81.9842**, and **17.3401, 13.8436, 19.8473** is the 20% darker color. If you saturate the color by 10%, you get **35.2186, 27.4907, 39.6511**, and if you desaturate by 10%, it is **42.1143, 39.1936, 48.3881**.

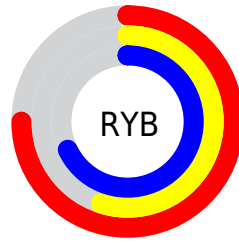
Distribution



Red (75%)

Green (55%)

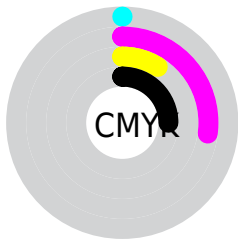
Blue (68%)



Red (75%)

Yellow (55%)

Blue (68%)

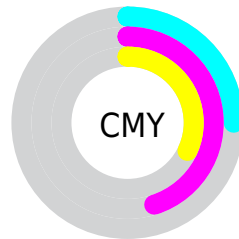


Cyan (0%)

Magenta (27%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4068, 32.8497, 43.8515 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 38.4068, 32.8497, 43.8515 by changing the saturation by 10% instead.


 38.4068, 32.8497,
43.8515

 38.4068, 32.8497,
43.8515

330.6126,
314.9719, 378.1255


 26.4772, 22.0113,
30.2174


 72.0311, 64.1408,
82.2943

 17.3155, 13.8652,
19.7502


 94.4566, 85.3623,
107.9402

 10.5564, 8.0270,
12.0314


 121.1113,
110.8137, 138.4271

 5.8345, 4.1122,
6.6422

152.3608,
140.8793, 174.1735

 2.7844, 1.7365,
3.1643

188.5703,
175.9435, 215.5980

 1.0408, 0.4471,
1.1792

230.1052,

 0.0000, 0.0000,

216.3908, 263.1192

0.0000

277.3308,
262.6054, 317.1555

■ 38.4068, 32.8497,
43.8515

■ 38.4068, 32.8497,
43.8515

■ 35.2186, 27.4907,
39.6511

■ 42.1143, 39.1936,
48.3881

■ 32.5213, 23.0620,
35.7741

■ 46.3618, 46.5647,
53.2691

■ 30.2880, 19.5104,
32.2094

■ 51.1726, 55.0080,
58.5049

■ 28.4882, 16.7752,
28.9444

■ 56.5674, 64.5646,
64.1047

■ 27.0873, 14.7883,
25.9649

■ 62.5663, 75.2736,
70.0772

■ 26.0451, 13.4702,
23.2551

■ 69.1879, 87.1719,
76.4308

■ 25.3081, 12.7148,
20.7943

■ 70.1900, 87.7740,
81.0870

■ 25.0979, 12.5212,
20.0250

■ 71.1022, 88.1389,
85.8909

■ 72.0510, 88.5184,
90.8868

Harmonies

Analogous

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



35.9213, 32.8497, 54.4267



38.4068, 32.8497, 43.8515



38.8907, 32.8497, 32.7989

Triad

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



38.4068, 32.8497, 43.8515



30.1680, 32.8497, 19.0173



25.9264, 32.8497, 50.1964

Complementary

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



38.4068, 32.8497, 43.8515



35.6190, 45.3067, 39.2177

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.



24.6352, 32.8497, 38.9106



38.4068, 32.8497, 43.8515



26.9527, 32.8497, 21.9503

Square

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



38.4068, 32.8497, 43.8515



33.9306, 32.8497, 19.8172



24.9954, 32.8497, 28.7440



28.6628, 32.8497, 58.5693

Rectangle

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



38.4068, 32.8497, 43.8515



37.9789, 32.8497, 26.8032



24.9954, 32.8497, 28.7440



25.3193, 32.8497, 46.5367

Sweetspot

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



38.4078, 32.8512, 43.8522



81.8869, 81.3970, 94.1183



32.8546, 29.7734, 53.3060



17.7177, 17.4144, 20.3690



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.4078, 32.8512, 43.8522



65.3610, 53.0525, 74.0977



36.1828, 31.9612, 32.1357



9.7831, 9.6375, 11.2466



16.5332, 8.2444, 13.3673



0.6776, 0.3349, 0.6814

Inverse Universe

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



38.4078, 32.8512, 43.8522



65.3610, 53.0525, 74.0977



38.0309, 46.2714, 51.9187



9.7831, 9.6375, 11.2466



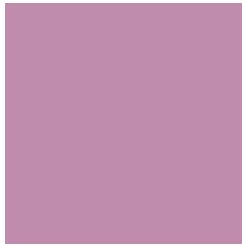
16.5332, 8.2444, 13.3673



0.6776, 0.3349, 0.6814

Previews

White Background



This preview shows how the XYZ color 38.4068, 32.8497, 43.8515 looks on a white background.

Color Contrast Check

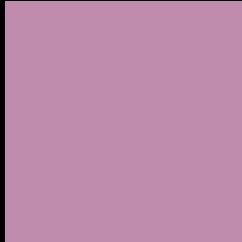
Large Text (above 18pt) WCAG AA × Fail

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 38.4068, 32.8497, 43.8515 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 38.4068, 32.8497, 43.8515

Background



This preview shows how black text looks on a background with the XYZ color 38.4068, 32.8497, 43.8515.



This preview shows how white text looks on a background with the XYZ color 38.4068, 32.8497,

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

38.4068, 32.8497, 43.8515

Protanopia

32.5768, 32.9726, 48.9033

Deuteranopia

33.5216, 32.8600, 43.1039



Tritanopia

36.6415, 32.7968, 34.9711

Trichromacy



Original Color

38.4068, 32.8497, 43.8515

Protanomaly

34.4012, 32.7489, 47.1559

Deuteranomaly

35.1137, 32.7302, 43.4966

Tritanomaly

37.3412, 32.8664, 38.0940

Monochromacy



Original Color

38.4068, 32.8497, 43.8515

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.7237, 33.7947, 39.8149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4068, 32.8497, 43.8515 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(191, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 140, 173)  
}
```

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(191, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 140, 173) }
```

Border

The CSS property to change the border of an element to XYZ 38.4068, 32.8497, 43.8515 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(191, 140, 173) }
```


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

```
.border{ border-color:rgb(191, 140, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 140,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4068, 32.8497, 43.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 140, 173) }
```

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

```
.background{ background-color: rgb(191,  
140, 173) }
```

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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