

Converting Colors

XYZ(38.6676, 32.5785, 52.3944)

Have a look what the booklet for
XYZ(38.6676, 32.5785, 52.3944)
contains.

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Color

**XYZ(38.6676, 32.5785,
52.3944)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8BBD
RGB	186, 139, 189
RGB Percent	73%, 55%, 74%
CMY	0.2706, 0.4549, 0.2588
CMYK	0.02, 0.26, 0.00, 0.26
HSL	296°, 27%, 64%
HSV	296°, 26%, 74%
XYZ	38.6676, 32.5785, 52.3944
YIQ	158.7530, 11.9620, 25.5140

Conversions

Conversions Part 2

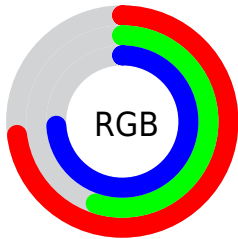
Format	Color
RYB	186, 139, 189
Decimal	12225469
CIELab	63.82, 26.44, -19.11
CIELCh	64, 32.624, 324.149
Yxy	32.5785, 0.3127, 0.2635
Android (android.graphics.Color)	4290415549 (0xFFBA8BBD)
YUV	158.7530, 14.9118, 23.8956
Hunter-Lab	57.0776, 21.0403, -14.4710

Details

The XYZ color **38.6676, 32.5785, 52.3944** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.0144, 44.0109, 31.1300**, and the grayscale version is **32.7731, 34.4798, 37.5485**.

A 20% lighter version of the original color is **72.5135, 63.7872, 94.8765**, and **17.4494, 13.6626, 25.0100** is the 20% darker color. If you saturate the color by 10%, you get **35.8899, 27.4300, 51.5475**, and if you desaturate by 10%, it is **41.9226, 38.6772, 53.4005**.

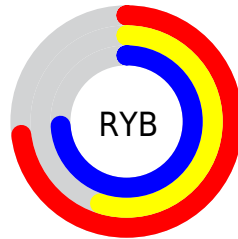
Distribution



Red (73%)

Green (55%)

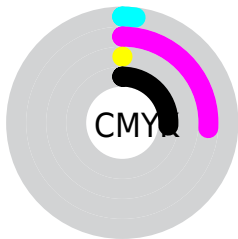
Blue (74%)



Red (73%)

Yellow (55%)

Blue (74%)

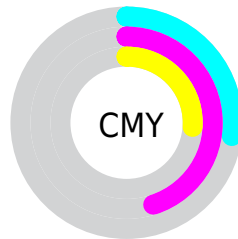


Cyan (2%)

Magenta (26%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (45%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6676, 32.5785, 52.3944 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 38.6676, 32.5785, 52.3944 by changing the saturation by 10% instead.

■ 38.6676, 32.5785,
52.3944

■ 38.6676, 32.5785,
52.3944

331.7067,
313.7461, 412.9575

■ 26.6808, 21.8037,
36.9351

■ 72.4276, 63.7169,
95.1451

■ 17.4690, 13.7128,
24.8619

■ 94.9315, 84.8493,
123.2737

■ 10.6668, 7.9212,
15.7561

■ 121.6718,
110.2031, 156.4624

■ 5.9089, 4.0445,
9.1992

153.0138,
140.1627, 195.1298

■ 2.8299, 1.6985,
4.7728

189.3230,
175.1123, 239.6945

■ 1.0645, 0.4227,
2.0582

230.9646,

■ 0.0000, 0.0000,

215.4365, 290.5750

0.5907

278.3041,
261.5197, 348.1898

■ 0.0000, 0.0000,
0.0000

■ 38.6676, 32.5785,
52.3944

■ 38.6676, 32.5785,
52.3944

■ 35.8899, 27.4300,
51.5475

■ 41.9226, 38.6772,
53.4005

■ 33.5622, 23.1786,
50.8496

■ 45.6744, 45.7669,
54.5712

■ 31.6589, 19.7729,
50.2925

■ 49.9452, 53.8914,
55.9143

■ 30.1507, 17.1542,
49.8666

■ 54.7549, 63.0904,
57.4364

■ 29.0045, 15.2564,
49.5607

■ 60.1225, 73.4018,
59.1438

■ 28.1821, 14.0027,
49.3620

■ 66.0658, 84.8615,
61.0425

■ 27.6327, 13.2921,
49.2538

■ 67.1779, 86.6554,
61.3301

■ 27.4677, 13.0991,
49.2253

■ 67.4700, 86.8060,
61.3438

■ 67.7643, 86.9577,
61.3576

Harmonies

Analogous

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



34.7102, 32.5785, 63.8312



38.6676, 32.5785, 52.3944



40.5804, 32.5785, 38.1070

Triad

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



38.6676, 32.5785, 52.3944



31.8716, 32.5785, 15.8293



23.6024, 32.5785, 46.8266

Complementary

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



38.6676, 32.5785, 52.3944



34.0144, 44.0109, 31.1300

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.



23.0026, 32.5785, 32.9622



38.6676, 32.5785, 52.3944



27.4992, 32.5785, 17.0730

Square

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



38.6676, 32.5785, 52.3944



36.4159, 32.5785, 18.7018



24.3597, 32.5785, 22.6535



26.0869, 32.5785, 60.1013

Rectangle

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



38.6676, 32.5785, 52.3944



40.3159, 32.5785, 29.6563



24.3597, 32.5785, 22.6535



23.1846, 32.5785, 42.0033

Sweetspot

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



38.6686, 32.5799, 52.3951



80.6128, 79.7137, 97.3637



29.5569, 28.6101, 52.1091



17.1097, 16.7147, 20.8671



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.



38.6686, 32.5799, 52.3951



66.1407, 52.5645, 92.8862



37.2259, 32.0879, 40.9537



9.8719, 9.6663, 12.0177



18.5043, 8.8254, 33.1211



0.7421, 0.3546, 1.2982

Inverse Universe

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



35.1025, 31.2386, 29.7724



58.6735, 49.7645, 45.1233



35.2499, 44.4465, 40.2868



9.5528, 9.5454, 10.0338



14.1722, 7.3000, 0.9345



0.5632, 0.2892, 0.0789

Previews

White Background



This preview shows how the XYZ color 38.6676, 32.5785, 52.3944 looks on a white background.

Color Contrast Check

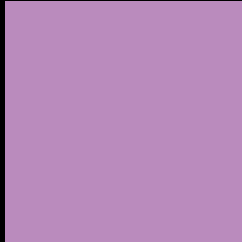
Large Text (above 18pt) WCAG AA × Fail

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 38.6676, 32.5785, 52.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

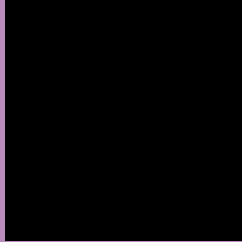
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6676, 32.5785, 52.3944

Background



This preview shows how black text looks on a background with the XYZ color 38.6676, 32.5785, 52.3944.



This preview shows how white text looks on a background with the XYZ color 38.6676, 32.5785,

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

38.6676, 32.5785, 52.3944

Protanopia

33.0277, 32.7456, 58.6126

Deuteranopia

33.3627, 32.5911, 51.5460



Tritanopia

35.1822, 32.4749, 35.8665

Trichromacy



Original Color

38.6676, 32.5785, 52.3944

Protanomaly

34.7383, 32.4909, 56.0702

Deuteranomaly

35.2367, 32.6053, 52.0132

Tritanomaly

36.4188, 32.5394, 41.4070

Monochromacy



Original Color

38.6676, 32.5785, 52.3944

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.8461, 33.7938, 42.7165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6676, 32.5785, 52.3944 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(186, 139, 189)` looks like.

```
.text, #text, p{  
    color:rgb(186, 139, 189)  
}
```

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(186, 139, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 139, 189) }
```

Border

The CSS property to change the border of an element to XYZ 38.6676, 32.5785, 52.3944 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(186, 139, 189) }
```


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

```
.border{ border-color:rgb(186, 139, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 139, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 139, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 139, 189);  
box-shadow:4px 4px 4px 4px rgb(186, 139,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6676, 32.5785, 52.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 139, 189) }
```

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

```
.background{ background-color: rgb(186,  
139, 189) }
```

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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