

Converting Colors

XYZ(38.5454, 32.0002, 43.9138)

Have a look what the booklet for
XYZ(38.5454, 32.0002, 43.9138)
contains.

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Color

**XYZ(38.5951, 32.0948,
43.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	C288AD
RGB	194, 136, 173
RGB Percent	76%, 53%, 68%
CMY	0.2392, 0.4666, 0.3216
CMYK	0.00, 0.30, 0.11, 0.24
HSL	322°, 32%, 65%
HSV	322°, 30%, 76%
XYZ	38.5951, 32.0948, 43.6959
YIQ	157.5600, 22.6910, 23.8030

Conversions

Conversions Part 2

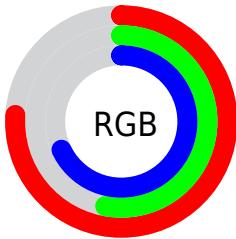
Format	Color
RYB	194, 136, 173
Decimal	12748973
CIELab	63.42, 27.92, -10.59
CIElCh	63, 29.863, 339.232
Yxy	32.0948, 0.3374, 0.2806
Android (android.graphics.Color)	4290939053 (0xFFC288AD)
YUV	157.5600, 7.6119, 31.9579
Hunter-Lab	56.6523, 22.4640, -6.0738

Details

The XYZ color **38.5951, 32.0948, 43.6959** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.5323, 46.2530, 38.9553**, and the grayscale version is **32.2606, 33.9406, 36.9614**.

A 20% lighter version of the original color is **72.2007, 62.9376, 81.7416**, and **17.3472, 13.3664, 19.7548** is the 20% darker color. If you saturate the color by 10%, you get **35.4444, 26.8524, 39.3799**, and if you desaturate by 10%, it is **42.2780, 38.3434, 48.3664**.

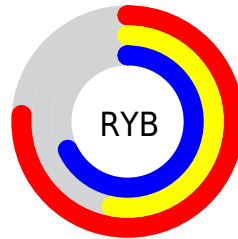
Distribution



Red (76%)

Green (53%)

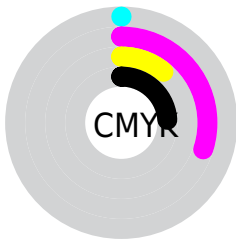
Blue (68%)



Red (76%)

Yellow (53%)

Blue (68%)

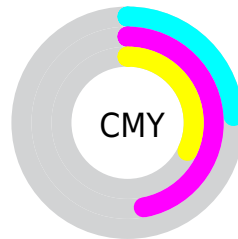


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5951, 32.0948, 43.6959 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 38.5951, 32.0948, 43.6959 by changing the saturation by 10% instead.


 38.5951, 32.0948,
43.6959


 38.5951, 32.0948,
43.6959

331.4028,
311.5509, 377.4708


 26.6242, 21.4339,
30.0961


 72.3174, 62.9597,
82.0575

 17.4263, 13.4416,
19.6588

 94.7995, 83.9325,
107.6564

 10.6361, 7.7333,
11.9657


 121.5160,
109.1113, 138.0921

 5.8882, 3.9248,
6.5981

152.8324,
138.8807, 173.7831

 2.8172, 1.6316,
3.1374

189.1139,
173.6249, 215.1479

 1.0579, 0.3787,
1.1652

230.7259,

 0.0000, 0.0000,

213.7284, 262.6051

0.0000

278.0337,
259.5756, 316.5732

■ 38.5951, 32.0948,
43.6959

■ 38.5951, 32.0948,
43.6959

■ 35.4444, 26.8524,
39.3799

■ 42.2780, 38.3434,
48.3664

■ 32.7958, 22.5582,
35.4045

■ 46.5153, 45.6435,
53.4003

■ 30.6204, 19.1551,
31.7579

■ 51.3317, 54.0427,
58.8087

■ 28.8852, 16.5778,
28.4261

■ 56.7493, 63.5846,
64.6016

■ 27.5526, 14.7522,
25.3937

■ 62.7891, 74.3103,
70.7884

■ 26.5783, 13.5906,
22.6430

■ 69.4709, 86.2589,
77.3782

■ 25.8778, 12.9248,
20.1428

■ 71.2163, 88.2726,
82.5137

■ 25.8709, 12.9185,
20.1175

■ 72.1788, 88.6576,
87.5819

■ 73.1810, 89.0585,
92.8592

Harmonies

Analogous

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



35.8380, 32.0948, 55.8158



38.5951, 32.0948, 43.6959



39.0830, 32.0948, 31.4046

Triad

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



38.5951, 32.0948, 43.6959



29.2422, 32.0948, 16.8877



24.7298, 32.0948, 51.4923

Complementary

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



38.5951, 32.0948, 43.6959



35.5323, 46.2530, 38.9553

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.



23.2843, 32.0948, 38.7437



38.5951, 32.0948, 43.6959



25.7295, 32.0948, 20.0591

Square

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



38.5951, 32.0948, 43.6959



33.4244, 32.0948, 17.6308



23.6329, 32.0948, 27.4495



27.7611, 32.0948, 60.9793

Rectangle

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



38.5951, 32.0948, 43.6959



38.0155, 32.0948, 24.9274



23.6329, 32.0948, 27.4495



24.0554, 32.0948, 47.3424

Sweetspot

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



38.5961, 32.0963, 43.6966



84.8927, 83.7680, 97.4602



32.3116, 28.6030, 54.8573



18.3244, 17.8827, 21.0355



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.



38.5961, 32.0963, 43.6966



66.0101, 51.6114, 73.8757



36.1412, 31.1143, 30.7694



10.3375, 10.1836, 11.8678



17.0497, 8.5096, 13.4395



0.7687, 0.3805, 0.7495

Inverse Universe

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



38.5961, 32.0963, 43.6966



66.0101, 51.6114, 73.8757



38.2349, 47.3340, 53.1871



10.3375, 10.1836, 11.8678



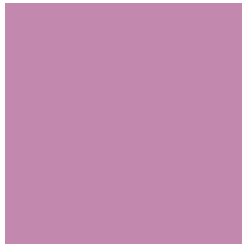
17.0497, 8.5096, 13.4395



0.7687, 0.3805, 0.7495

Previews

White Background



This preview shows how the XYZ color 38.5951, 32.0948, 43.6959 looks on a white background.

Color Contrast Check

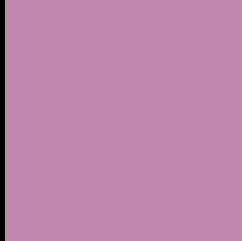
Large Text (above 18pt) WCAG AA × Fail

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 38.5951, 32.0948, 43.6959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

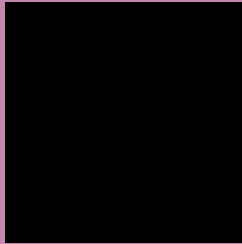
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5951, 32.0948, 43.6959

Background



This preview shows how black text looks on a background with the XYZ color 38.5951, 32.0948, 43.6959.



This preview shows how white text looks on a background with the XYZ color 38.5951, 32.0948,

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

38.5951, 32.0948, 43.6959

Protanopia

32.0756, 32.4462, 49.9196

Deuteranopia

32.8600, 32.2920, 42.5313



Tritanopia

36.4499, 32.0669, 33.5466

Trichromacy



Original Color

38.5951, 32.0948, 43.6959

Protanomaly

33.9818, 32.0552, 47.5763

Deuteranomaly

34.7097, 32.0753, 42.8898

Tritanomaly

37.2289, 32.1749, 37.0491

Monochromacy



Original Color

38.5951, 32.0948, 43.6959

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.3118, 33.1150, 39.2337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5951, 32.0948, 43.6959 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, 136, 173)` looks like.

```
.text, #text, p{  
    color:rgb(194, 136, 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(194, 136, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 136, 173) }
```

Border

The CSS property to change the border of an element to XYZ 38.5951, 32.0948, 43.6959 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, 136, 173) }
```


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

```
.border{ border-color:rgb(194, 136, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 136, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 136, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 136, 173);  
box-shadow:4px 4px 4px 4px rgb(194, 136,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5951, 32.0948, 43.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 136, 173) }
```

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

```
.background{ background-color: rgb(194,  
136, 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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