

Converting Colors

XYZ(42.4906, 38.4823, 51.5344)

Have a look what the booklet for
XYZ(42.4906, 38.4823, 51.5344)
contains.

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Color

**XYZ(42.4896, 38.5286,
51.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	C09CBA
RGB	192, 156, 186
RGB Percent	75%, 61%, 73%
CMY	0.2471, 0.3882, 0.2706
CMYK	0.00, 0.19, 0.03, 0.25
HSL	310°, 22%, 68%
HSV	310°, 19%, 75%
XYZ	42.4896, 38.5286, 51.6517
YIQ	170.1840, 11.8260, 16.9620

Conversions

Conversions Part 2

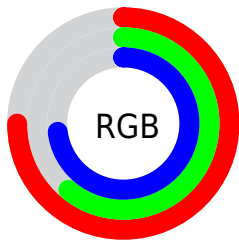
Format	Color
RYB	192, 156, 186
Decimal	12623034
CIELab	68.41, 18.48, -10.45
CIElCh	68, 21.232, 330.518
Yxy	38.5286, 0.3203, 0.2904
Android (android.graphics.Color)	4290813114 (0xFFC09CBA)
YUV	170.1840, 7.7973, 19.1326
Hunter-Lab	62.0714, 13.5632, -5.8872

Details

The XYZ color **42.4896, 38.5286, 51.6517** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.0830, 47.3769, 41.2693**, and the grayscale version is **38.2594, 40.2519, 43.8343**.

A 20% lighter version of the original color is **78.3882, 73.1391, 93.9901**, and **19.7664, 17.1999, 24.4684** is the 20% darker color. If you saturate the color by 10%, you get **39.1829, 32.4530, 48.8900**, and if you desaturate by 10%, it is **46.3155, 45.6292, 54.6250**.

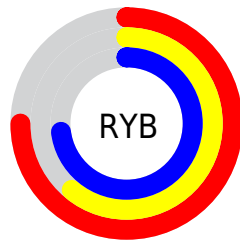
Distribution



Red (75%)

Green (61%)

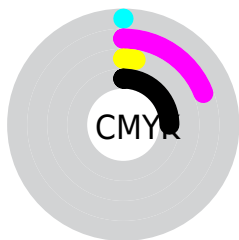
Blue (73%)



Red (75%)

Yellow (61%)

Blue (73%)

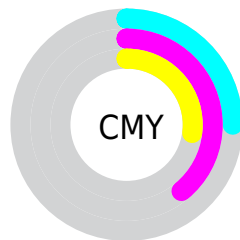


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4896, 38.5286, 51.6517 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 42.4896, 38.5286, 51.6517 by changing the saturation by 10% instead.


 42.4896, 38.5286,
51.6517


 42.4896, 38.5286,
51.6517


347.4657,
339.8821, 410.0091

 29.6776, 26.3932,
36.3472


 78.2006, 72.9176,
94.0387

 19.7409, 17.1180,
24.4106


 101.8304, 95.9400,
121.9583

 12.3140, 10.3187,
15.4235


129.7967,
123.3603, 154.9200

 7.0316, 5.6108,
8.9672

162.4651,
155.5627, 193.3424

 3.5284, 2.6099,
4.6233

200.2009,
192.9317, 237.6439

 1.4390, 0.9316,
1.9731

243.3693,

 0.2837, 0.0000,

235.8516, 288.2432

0.5387

292.3358,
284.7070, 345.5588

■ 0.0000, 0.0000,
0.0000

■ 42.4896, 38.5286,
51.6517

■ 42.4896, 38.5286,
51.6517

■ 39.1829, 32.4530,
48.8900

■ 46.3155, 45.6292,
54.6250

■ 36.3680, 27.3495,
46.3291

■ 50.6795, 53.7942,
57.8150

■ 34.0202, 23.1683,
43.9610

■ 55.6037, 63.0674,
61.2299

■ 32.1114, 19.8529,
41.7761

■ 61.1081, 73.4884,
64.8765

■ 30.6102, 17.3410,
39.7638

■ 67.2114, 85.0950,
68.7613

■ 29.4811, 15.5615,
37.9118

■ 68.5424, 87.1442,
71.0940

■ 28.6825, 14.4313,
36.2061

■ 68.9333, 87.3005,
73.1524

■ 28.1447, 13.8108,
34.6232

■ 69.3322, 87.4601,
75.2527

■ 28.0834, 13.7446,
34.4295

■ 69.7390, 87.6228,
77.3951

Harmonies

Analogous

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



39.9734, 38.5286, 59.8398



42.4896, 38.5286, 51.6517



43.4126, 38.5286, 41.7852

Triad

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



42.4896, 38.5286, 51.6517



36.5623, 38.5286, 26.1391



31.3703, 38.5286, 51.9830

Complementary

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



42.4896, 38.5286, 51.6517



39.0830, 47.3769, 41.2693

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.



30.5762, 38.5286, 42.1175



42.4896, 38.5286, 51.6517



33.4601, 38.5286, 28.0383

Square

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



42.4896, 38.5286, 51.6517



39.8670, 38.5286, 27.9115



31.3180, 38.5286, 33.5481



33.5548, 38.5286, 60.0505

Rectangle

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



42.4896, 38.5286, 51.6517



42.9589, 38.5286, 35.8389



31.3180, 38.5286, 33.5481



30.9380, 38.5286, 48.7215

Sweetspot

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



42.4907, 38.5303, 51.6525



85.9204, 86.4085, 100.4703



36.3049, 35.2661, 54.7633



18.3251, 18.3364, 21.4743



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.



42.4907, 38.5303, 51.6525



74.7239, 65.6359, 91.7432



40.6959, 37.8124, 42.2011



10.4229, 10.2178, 12.3174



18.9217, 9.2584, 23.2975



0.8371, 0.4079, 1.1098

Inverse Universe

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



42.4907, 38.5303, 51.6525



74.7239, 65.6359, 91.7432



40.7995, 48.0634, 50.3080



10.4229, 10.2178, 12.3174



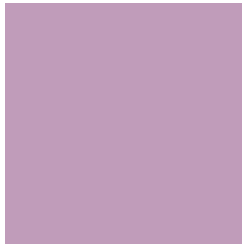
18.9217, 9.2584, 23.2975



0.8371, 0.4079, 1.1098

Previews

White Background



This preview shows how the XYZ color 42.4896, 38.5286, 51.6517 looks on a white background.

Color Contrast Check

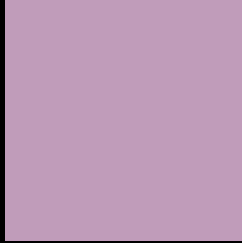
Large Text (above 18pt) WCAG AA × Fail

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 42.4896, 38.5286, 51.6517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

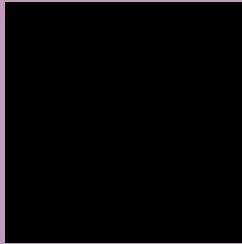
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4896, 38.5286, 51.6517

Background



This preview shows how black text looks on a background with the XYZ color 42.4896, 38.5286, 51.6517.



This preview shows how white text looks on a background with the XYZ color 42.4896, 38.5286,

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

42.4896, 38.5286, 51.6517

Protanopia

38.0509, 38.7596, 55.3450

Deuteranopia

39.3565, 38.4574, 51.2477



Tritanopia

40.9840, 38.6837, 43.8347

Trichromacy



Original Color

42.4896, 38.5286, 51.6517

Protanomaly

39.4482, 38.4426, 54.0562

Deuteranomaly

40.3838, 38.4682, 51.1956

Tritanomaly

41.5492, 38.6647, 46.3474

Monochromacy



Original Color

42.4896, 38.5286, 51.6517

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.6517, 39.5098, 46.6106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4896, 38.5286, 51.6517 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(192, 156, 186)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 186)  
}
```

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(192, 156, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.4896, 38.5286, 51.6517 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(192, 156, 186) }
```


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

```
.border{ border-color:rgb(192, 156, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 156, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 186);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4896, 38.5286, 51.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 186) }
```

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

```
.background{ background-color: rgb(192,  
156, 186) }
```

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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