

Converting Colors

XYZ(42.8329, 42.2389, 53.1902)

Have a look what the booklet for
XYZ(42.8329, 42.2389, 53.1902)
contains.

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Color

**XYZ(42.9803, 42.4476,
53.5048)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AABC
RGB	183, 170, 188
RGB Percent	72%, 67%, 74%
CMY	0.2823, 0.3333, 0.2627
CMYK	0.03, 0.10, 0.00, 0.26
HSL	283°, 12%, 70%
HSV	283°, 10%, 74%
XYZ	42.9803, 42.4476, 53.5048
YIQ	175.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

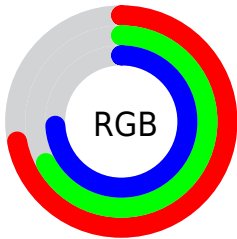
Format	Color
R _Y B	183, 170, 188
Decimal	12036796
CIE Lab	71.18, 8.01, -7.52
CIE LCh	71, 10.984, 316.816
Yxy	42.4476, 0.3094, 0.3055
Android (android.graphics.Color)	4290226876 (0xFFB7AABC)
YUV	175.9390, 5.9461, 6.1925
Hunter-Lab	65.1518, 3.7398, -3.0846

Details

The XYZ color **42.9803, 42.4476, 53.5048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9196, 47.9837, 45.0320**, and the grayscale version is **41.2054, 43.3513, 47.2096**.

A 20% lighter version of the original color is **78.8510, 78.7328, 96.6290**, and **20.0575, 19.4520, 25.6191** is the 20% darker color. If you saturate the color by 10%, you get **38.4861, 35.2687, 52.3566**, and if you desaturate by 10%, it is **48.0271, 50.6619, 54.8250**.

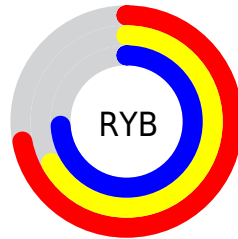
Distribution



Red (72%)

Green (67%)

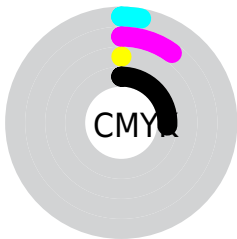
Blue (74%)



Red (72%)

Yellow (67%)

Blue (74%)

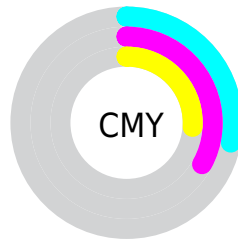


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (28%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9803, 42.4476, 53.5048 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 42.9803, 42.4476, 53.5048 by changing the saturation by 10% instead.

■ 42.9803, 42.4476,
53.5048

■ 42.9803, 42.4476,
53.5048

349.4536,
356.3351, 417.3399

■ 30.0641, 29.4519,
37.8154

■ 78.9370, 78.8766,
96.7958

■ 20.0356, 19.4230,
25.5387

102.7083,
103.0787, 125.2345

■ 12.5293, 11.9763,
16.2562

130.8286,
131.7851, 158.7601

■ 7.1800, 6.7275,
9.5493

163.6633,
165.3802, 197.7911

■ 3.6223, 3.2923,
4.9995

201.5779,
204.2483, 242.7461

■ 1.4907, 1.2862,
2.1882

244.9375,

■ 0.3195, 0.1305,

248.7739, 294.0435

0.6676

294.1076,
299.3414, 352.1019

■ 0.0000, 0.0000,
0.0000

■ 42.9803, 42.4476,
53.5048

■ 42.9803, 42.4476,
53.5048

■ 38.4861, 35.2687,
52.3566

■ 48.0271, 50.6619,
54.8250

■ 34.5190, 29.0769,
51.3706

■ 53.6432, 59.9463,
56.3210

■ 31.0568, 23.8282,
50.5400

■ 59.8494, 70.3409,
58.0003

■ 28.0746, 19.4730,
49.8565

■ 66.6639, 81.8818,
59.8687

■ 25.5447, 15.9571,
49.3112

■ 71.1643, 88.7230,
60.9520

■ 23.4367, 13.2205,
48.8941

■ 72.6675, 89.4979,
61.0224

■ 21.7162, 11.1947,
48.5938

■ 74.2196, 90.2980,
61.0950

■ 20.3423, 9.7993,
48.3968

■ 75.8210, 91.1236,
61.1700

■ 19.2388, 8.8823,
48.2780

■ 77.4723, 91.9749,
61.2472

Harmonies

Analogous

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



41.3774, 42.4476, 56.6117



42.9803, 42.4476, 53.5048



43.8889, 42.4476, 48.5679

Triad

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



42.9803, 42.4476, 53.5048



41.1575, 42.4476, 37.0381



37.0524, 42.4476, 49.2120

Complementary

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



42.9803, 42.4476, 53.5048



42.9196, 47.9837, 45.0320

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.



36.9976, 42.4476, 43.9456



42.9803, 42.4476, 53.5048



39.3303, 42.4476, 37.1817

Square

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



42.9803, 42.4476, 53.5048



42.8151, 42.4476, 39.2167



37.8200, 42.4476, 39.6252



37.9721, 42.4476, 54.0071

Rectangle

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



42.9803, 42.4476, 53.5048



43.9611, 42.4476, 45.0260



37.8200, 42.4476, 39.6252



36.9332, 42.4476, 47.4313

Sweetspot

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



42.9815, 42.4494, 53.5057



83.7466, 86.4251, 98.4940



41.0058, 42.8776, 53.6925



17.8486, 18.3233, 21.1386



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.



42.9815, 42.4494, 53.5057



76.5209, 74.7163, 96.6148



43.7772, 42.9075, 51.3780



9.6645, 9.5594, 12.0080



13.1430, 6.0615, 32.8702



0.5752, 0.2685, 1.2904

Inverse Universe

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



42.8531, 42.5379, 46.5115



76.2634, 74.9085, 81.9259



42.1925, 47.5656, 46.9525



9.6362, 9.5788, 10.4731



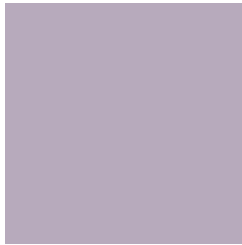
14.5734, 7.4605, 3.0470



0.5997, 0.3038, 0.2711

Previews

White Background



This preview shows how the XYZ color 42.9803, 42.4476, 53.5048 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 42.9803, 42.4476, 53.5048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

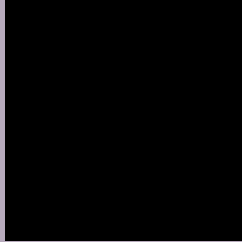
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9803, 42.4476, 53.5048

Background



This preview shows how black text looks on a background with the XYZ color 42.9803, 42.4476, 53.5048.



This preview shows how white text looks on a background with the XYZ color 42.9803, 42.4476,

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

42.9803, 42.4476, 53.5048

Protanopia

41.4714, 42.4891, 54.7306

Deuteranopia

43.2727, 42.3211, 53.4650



Tritanopia

42.5060, 42.5316, 51.3165

Trichromacy



Original Color

42.9803, 42.4476, 53.5048

Protanomaly

42.0693, 42.5263, 54.1352

Deuteranomaly

43.0322, 42.1971, 53.4538

Tritanomaly

42.6113, 42.5737, 51.8706

Monochromacy



Original Color

42.9803, 42.4476, 53.5048

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9647, 43.1511, 49.2972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9803, 42.4476, 53.5048 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(183, 170, 188)` looks like.

```
.text, #text, p{  
    color:rgb(183, 170, 188)  
}
```

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(183, 170, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 170, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.9803, 42.4476, 53.5048 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(183, 170, 188) }
```


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

```
.border{ border-color:rgb(183, 170, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 170, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 170, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 170, 188);  
box-shadow:4px 4px 4px 4px rgb(183, 170,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9803, 42.4476, 53.5048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 170, 188) }
```

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

```
.background{ background-color: rgb(183,  
170, 188) }
```

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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