

Converting Colors

XYZ(43.0293, 41.9262, 47.8239)

Have a look what the booklet for
XYZ(43.0293, 41.9262, 47.8239)
contains.

XYZ(43.0248, 42.0384, 47.9661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0248, 42.0384,
47.9661)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA8B2
RGB	189, 168, 178
RGB Percent	74%, 66%, 70%
CMY	0.2588, 0.3412, 0.3020
CMYK	0.00, 0.11, 0.06, 0.26
HSL	331°, 14%, 70%
HSV	331°, 11%, 74%
XYZ	43.0248, 42.0384, 47.9661
YIQ	175.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

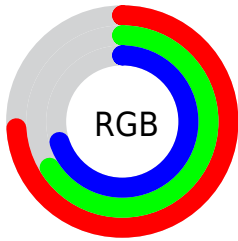
Format	Color
R _Y B	189, 168, 178
Decimal	12429490
CIE Lab	70.90, 9.35, -2.36
CIE LCh	71, 9.645, 345.862
Yxy	42.0384, 0.3234, 0.3160
Android (android.graphics.Color)	4290619570 (0xFFBDA8B2)
YUV	175.4190, 1.2724, 11.9105
Hunter-Lab	64.8370, 4.9849, 1.5235

Details

The XYZ color **43.0248, 42.0384, 47.9661** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4843, 47.9759, 49.6712**, and the grayscale version is **40.9559, 43.0888, 46.9237**.

A 20% lighter version of the original color is **78.8951, 78.1283, 88.7640**, and **20.1004, 19.2057, 22.0497** is the 20% darker color. If you saturate the color by 10%, you get **38.8277, 35.1777, 41.8381**, and if you desaturate by 10%, it is **47.8032, 49.9457, 54.6430**.

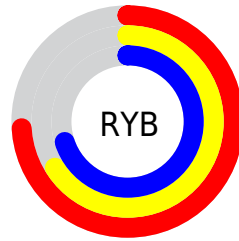
Distribution



Red (74%)

Green (66%)

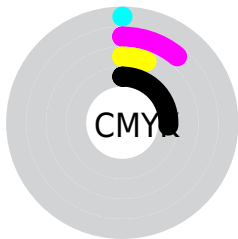
Blue (70%)



Red (74%)

Yellow (66%)

Blue (70%)

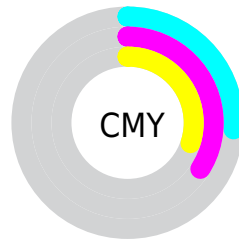


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0248, 42.0384, 47.9661 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 43.0248, 42.0384, 47.9661 by changing the saturation by 10% instead.


 43.0248, 42.0384,
47.9661


 43.0248, 42.0384,
47.9661


349.6335,
354.6421, 395.1626

 30.0992, 29.1314,
33.4402


 79.0038, 78.2577,
88.5190

 20.0623, 19.1802,
22.1900


 102.7878,
102.3388, 115.3830

 12.5489, 11.8006,
13.7970

130.9221,
130.9134, 147.1969

 7.1935, 6.6080,
7.8424

163.7718,
164.3658, 184.3792

 3.6308, 3.2182,
3.9080

201.7025,
203.0805, 227.3483

 1.4955, 1.2467,
1.5750

245.0795,

 0.3227, 0.0993,

247.4419, 276.5229

0.2729

294.2680,
297.8343, 332.3215

■ 0.0000, 0.0000,
0.0000

■ 43.0248, 42.0384,
47.9661

■ 43.0248, 42.0384,
47.9661

■ 38.8277, 35.1777,
41.8381

■ 47.8032, 49.9457,
54.6430

■ 35.1850, 29.3140,
36.2410

■ 53.1813, 58.9357,
61.8805

■ 32.0730, 24.4018,
31.1599

■ 59.1810, 69.0495,
69.6936

■ 29.4649, 20.3899,
26.5777

■ 65.8220, 80.3242,
78.0954

■ 27.3312, 17.2221,
22.4766

■ 70.6820, 87.9132,
86.2853

■ 25.6393, 14.8360,
18.8369

■ 72.0926, 88.4774,
93.7135

■ 24.3522, 13.1603,
15.6376

■ 73.5832, 89.0736,
101.5628

■ 23.4260, 12.1106,
12.8545

■ 74.7966, 89.5590,
107.9522

■ 22.8314, 11.5569,
10.6971

Harmonies

Analogous

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



42.2126, 42.0384, 52.2089



43.0248, 42.0384, 47.9661



42.9996, 42.0384, 43.3988

Triad

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



43.0248, 42.0384, 47.9661



39.1185, 42.0384, 37.7849



37.8450, 42.0384, 52.4145

Complementary

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



43.0248, 42.0384, 47.9661



42.4843, 47.9759, 49.6712

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.



37.0600, 42.0384, 48.2316



43.0248, 42.0384, 47.9661



37.7817, 42.0384, 39.8884

Square

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



43.0248, 42.0384, 47.9661



40.7150, 42.0384, 37.7244



37.0372, 42.0384, 43.6472



39.2070, 42.0384, 54.8912

Rectangle

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



43.0248, 42.0384, 47.9661



42.5104, 42.0384, 40.7867



37.0372, 42.0384, 43.6472



37.5065, 42.0384, 51.1492

Sweetspot

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



43.0260, 42.0402, 47.9670



83.8729, 86.5573, 95.4686



41.7453, 41.2472, 53.9061



17.8831, 18.3592, 20.3180



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.



43.0260, 42.0402, 47.9670



75.3960, 72.5615, 83.5239



42.1230, 41.7826, 42.8926



9.7142, 9.6100, 10.8840



15.3996, 7.7910, 7.3980



0.6363, 0.3184, 0.4639

Inverse Universe

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



43.0260, 42.0402, 47.9670



75.3960, 72.5615, 83.5239



43.4575, 48.2448, 55.1665



9.7142, 9.6100, 10.8840



15.3996, 7.7910, 7.3980



0.6363, 0.3184, 0.4639

Previews

White Background



This preview shows how the XYZ color 43.0248, 42.0384, 47.9661 looks on a white background.

Color Contrast Check

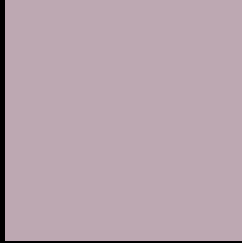
Large Text (above 18pt) WCAG AA × Fail

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 43.0248, 42.0384, 47.9661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

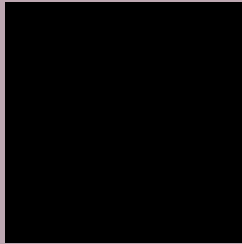
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0248, 42.0384, 47.9661

Background



This preview shows how black text looks on a background with the XYZ color 43.0248, 42.0384, 47.9661.



This preview shows how white text looks on a background with the XYZ color 43.0248, 42.0384,

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

43.0248, 42.0384, 47.9661

Protanopia

40.9633, 42.3373, 49.7290

Deuteranopia

42.7776, 41.9110, 47.9545



Tritanopia

43.3294, 42.1603, 49.5701

Trichromacy



Original Color

43.0248, 42.0384, 47.9661

Protanomaly

41.6235, 42.1244, 49.1170

Deuteranomaly

42.7776, 41.9110, 47.9545

Tritanomaly

43.2271, 42.1194, 49.0316

Monochromacy



Original Color

43.0248, 42.0384, 47.9661

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4114, 42.3429, 47.0647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0248, 42.0384, 47.9661 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(189, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 178)  
}
```

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(189, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.0248, 42.0384, 47.9661 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(189, 168, 178) }
```


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

```
.border{ border-color:rgb(189, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0248, 42.0384, 47.9661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 178) }
```

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

```
.background{ background-color: rgb(189,  
168, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor