

Converting Colors

XYZ(43.0802, 41.4261, 47.2838)

Have a look what the booklet for
XYZ(43.0802, 41.4261, 47.2838)
contains.

XYZ(43.0579, 41.5231, 47.3403)	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(43.0579, 41.5231,
47.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA6B1
RGB	191, 166, 177
RGB Percent	75%, 65%, 69%
CMY	0.2510, 0.3490, 0.3059
CMYK	0.00, 0.13, 0.07, 0.25
HSL	334°, 16%, 70%
HSV	334°, 13%, 75%
XYZ	43.0579, 41.5231, 47.3403
YIQ	174.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

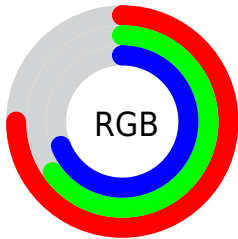
Format	Color
RYB	191, 166, 177
Decimal	12560049
CIELab	70.54, 10.99, -2.31
CIElCh	71, 11.227, 348.148
Yxy	41.5231, 0.3264, 0.3148
Android (android.graphics.Color)	4290750129 (0xFFBFA6B1)
YUV	174.7290, 1.1196, 14.2697
Hunter-Lab	64.4384, 6.5069, 1.5489

Details

The XYZ color **43.0579, 41.5231, 47.3403** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5965, 48.6650, 50.3306**, and the grayscale version is **40.5987, 42.7130, 46.5145**.

A 20% lighter version of the original color is **78.9222, 77.3703, 87.8651**, and **19.9719, 18.8082, 21.6465** is the 20% darker color. If you saturate the color by 10%, you get **38.8158, 34.6785, 40.8704**, and if you desaturate by 10%, it is **47.9016, 49.4360, 54.4242**.

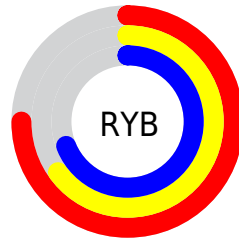
Distribution



Red (75%)

Green (65%)

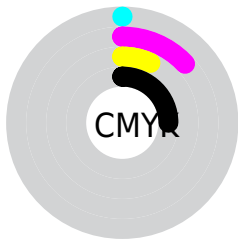
Blue (69%)



Red (75%)

Yellow (65%)

Blue (69%)

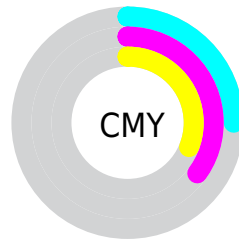


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0579, 41.5231, 47.3403 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 43.0579, 41.5231, 47.3403 by changing the saturation by 10% instead.


 43.0579, 41.5231,
47.3403


 43.0579, 41.5231,
47.3403


349.7673,
352.5022, 392.6043

 30.1253, 28.7281,
32.9485


 79.0534, 77.4773,
87.5767

 20.0822, 18.8752,
21.8162

 102.8470,
101.4053, 114.2583

 12.5634, 11.5801,
13.5249


130.9916,
129.8131, 145.8736

 7.2035, 6.4585,
7.6560

163.8525,
163.0850, 182.8411

 3.6372, 3.1258,
3.7910

201.7952,
201.6055, 225.5794

 1.4990, 1.1978,
1.5114

245.1850,

 0.3251, 0.0599,

245.7589, 274.5070

0.2264

294.3873,
295.9297, 330.0424

■ 0.0000, 0.0000,
0.0000

■ 43.0579, 41.5231,
47.3403

■ 43.0579, 41.5231,
47.3403

■ 38.8158, 34.6785,
40.8704

■ 47.9016, 49.4360,
54.4242

■ 35.1472, 28.8508,
34.9942

■ 53.3665, 58.4551,
62.1362

■ 32.0270, 23.9923,
29.6941

■ 59.4755, 68.6230,
70.4933

■ 29.4268, 20.0493,
24.9504

■ 66.2495, 79.9783,
79.5109

■ 27.3153, 16.9631,
20.7424

■ 71.5978, 88.3372,
88.5004

■ 25.6580, 14.6677,
17.0473

■ 73.1512, 88.9585,
96.6802

■ 24.4150, 13.0876,
13.8405

■ 74.7984, 89.6174,
105.3545

■ 23.5392, 12.1322,
11.0941

■ 75.2961, 89.8165,
107.9755

■ 23.0874, 11.7170,
9.4376

Harmonies

Analogous

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



42.1809, 41.5231, 52.3688



43.0579, 41.5231, 47.3403



42.9506, 41.5231, 42.1066

Triad

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



43.0579, 41.5231, 47.3403



38.3668, 41.5231, 36.1902



37.1362, 41.5231, 53.2479

Complementary

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



43.0579, 41.5231, 47.3403



42.5965, 48.6650, 50.3306

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.



36.1760, 41.5231, 48.4656



43.0579, 41.5231, 47.3403



36.8711, 41.5231, 38.7382

Square

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



43.0579, 41.5231, 47.3403



40.2029, 41.5231, 35.9406



36.0805, 41.5231, 43.1477



38.7391, 41.5231, 55.9537

Rectangle

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



43.0579, 41.5231, 47.3403



42.3358, 41.5231, 39.1958



36.0805, 41.5231, 43.1477



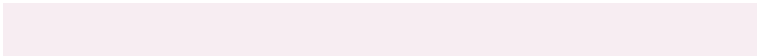
36.7298, 41.5231, 51.8134

Sweetspot

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



43.0591, 41.5249, 47.3412



84.8960, 87.0699, 96.1854



41.8060, 40.7093, 54.9451



18.4905, 18.8707, 20.9023



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.



43.0591, 41.5249, 47.3412



74.5979, 70.2858, 81.0009



42.2348, 41.5605, 41.8745



9.6998, 9.6042, 10.8082



15.2116, 7.7158, 6.4080



0.6288, 0.3154, 0.4243

Inverse Universe

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



43.0591, 41.5249, 47.3412



74.5979, 70.2858, 81.0009



43.4905, 48.5884, 56.3772



9.6998, 9.6042, 10.8082



15.2116, 7.7158, 6.4080



0.6288, 0.3154, 0.4243

Previews

White Background



This preview shows how the XYZ color 43.0579, 41.5231, 47.3403 looks on a white background.

Color Contrast Check

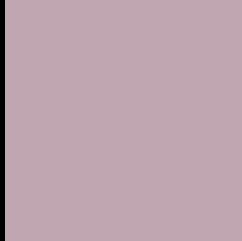
Large Text (above 18pt) WCAG AA × Fail

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 43.0579, 41.5231, 47.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

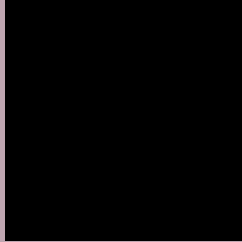
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0579, 41.5231, 47.3403

Background



This preview shows how black text looks on a background with the XYZ color 43.0579, 41.5231, 47.3403.



This preview shows how white text looks on a background with the XYZ color 43.0579, 41.5231,

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

43.0579, 41.5231, 47.3403

Protanopia

40.2243, 41.6846, 49.1059

Deuteranopia

42.2480, 41.3766, 47.3547



Tritanopia

43.2588, 41.6035, 48.3981

Trichromacy



Original Color

43.0579, 41.5231, 47.3403

Protanomaly

41.3338, 41.7074, 48.5196

Deuteranomaly

42.4936, 41.5031, 47.3662

Tritanomaly

43.1580, 41.5632, 47.8673

Monochromacy



Original Color

43.0579, 41.5231, 47.3403

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6451, 42.4634, 47.0756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0579, 41.5231, 47.3403 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(191, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 177)  
}
```

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(191, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.0579, 41.5231, 47.3403 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(191, 166, 177) }
```


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

```
.border{ border-color:rgb(191, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(191, 166,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0579, 41.5231, 47.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 177) }
```

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

```
.background{ background-color: rgb(191,  
166, 177) }
```

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