

Converting Colors

XYZ(47.0695, 43.0064, 47.7491)

Have a look what the booklet for
XYZ(47.0695, 43.0064, 47.7491)
contains.

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Color

**XYZ(47.0435, 43.0307,
47.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA4B2
RGB	207, 164, 178
RGB Percent	81%, 64%, 70%
CMY	0.1882, 0.3568, 0.3020
CMYK	0.00, 0.21, 0.14, 0.19
HSL	340°, 31%, 73%
HSV	340°, 21%, 81%
XYZ	47.0435, 43.0307, 47.9458
YIQ	178.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

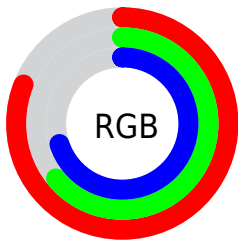
Format	Color
R_{YB}	207, 164, 178
Decimal	13608114
CIE _{Lab}	71.58, 18.03, -1.16
CIE _{LCh}	72, 18.065, 356.303
Yxy	43.0307, 0.3408, 0.3118
Android (android.graphics.Color)	4291798194 (0xFFCFA4B2)
YUV	178.4530, -0.2233, 25.0357
Hunter-Lab	65.5978, 13.2153, 2.5831

Details

The XYZ color **47.0435, 43.0307, 47.9458** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2501, 56.3696, 58.8449**, and the grayscale version is **42.5512, 44.7672, 48.7515**.

A 20% lighter version of the original color is **81.4228, 77.8635, 88.5796**, and **22.4447, 19.7444, 22.0301** is the 20% darker color. If you saturate the color by 10%, you get **42.3051, 35.6839, 39.7986**, and if you desaturate by 10%, it is **52.5300, 51.6443, 57.0473**.

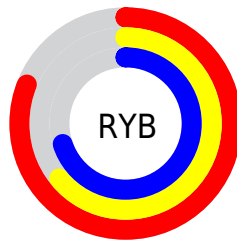
Distribution



Red (81%)

Green (64%)

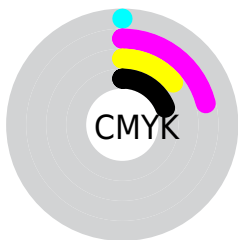
Blue (70%)



Red (81%)

Yellow (64%)

Blue (70%)

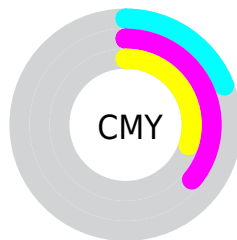


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0435, 43.0307, 47.9458 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 47.0435, 43.0307, 47.9458 by changing the saturation by 10% instead.


 47.0435, 43.0307,
47.9458


 47.0435, 43.0307,
47.9458


365.6341,
358.7380, 395.0798

 33.2781, 29.9092,
33.4243

 84.9969, 79.7572,
88.4884

 22.4999, 19.7697,
22.1779


 109.9156,
104.1310, 115.3466

 14.3433, 12.2277,
13.7881

139.2829,
133.0243, 147.1540

 8.4431, 6.8990,
7.8364

173.4640,
166.8216, 184.3294

 4.4340, 3.3990,
3.9042

212.8243,
205.9072, 227.2910

 1.9504, 1.3434,
1.5729

257.7292,

 0.6059, 0.1745,

250.6655, 276.4576

0.2714

308.5440,
301.4810, 332.2477

■ 0.0000, 0.0000,
0.0000

■ 47.0435, 43.0307,
47.9458

■ 47.0435, 43.0307,
47.9458

■ 42.3051, 35.6839,
39.7986

■ 52.5300, 51.6443,
57.0473

■ 38.2777, 29.5381,
32.5710

■ 58.7922, 61.5748,
67.1310

■ 34.9266, 24.5304,
26.2298

■ 65.8606, 72.8768,
78.2267

■ 32.2124, 20.5898,
20.7390

■ 73.7631, 85.5998,
90.3622

■ 30.0918, 17.6372,
16.0594

■ 78.4061, 91.5510,
102.1910

■ 28.5153, 15.5823,
12.1488

■ 79.5424, 92.0055,
108.1743

■ 27.4249, 14.3180,
8.9598

■ 26.7570, 13.6754,
6.6001

Harmonies

Analogous

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



45.9819, 43.0307, 56.8162



47.0435, 43.0307, 47.9458



46.3925, 43.0307, 39.7892

Triad

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



47.0435, 43.0307, 47.9458



38.3522, 43.0307, 33.3365



37.7273, 43.0307, 62.2836

Complementary

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



47.0435, 43.0307, 47.9458



47.2501, 56.3696, 58.8449

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.



35.8580, 43.0307, 54.7072



47.0435, 43.0307, 47.9458



36.2059, 43.0307, 38.1287

Square

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



47.0435, 43.0307, 47.9458



41.2792, 43.0307, 31.9950



35.3150, 43.0307, 45.7772



40.5220, 43.0307, 65.7186

Rectangle

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



47.0435, 43.0307, 47.9458



45.0916, 43.0307, 35.7157



35.3150, 43.0307, 45.7772



36.9754, 43.0307, 60.0940

Sweetspot

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



47.0447, 43.0326, 47.9467



88.7445, 89.9768, 98.8206



46.4469, 42.3517, 64.7587



18.8541, 19.0355, 20.9245



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.



47.0447, 43.0326, 47.9467



71.8093, 63.3843, 70.7384



47.0289, 45.1365, 41.3579



11.9651, 11.8708, 13.0921



16.8969, 8.6316, 4.3630



0.9810, 0.4971, 0.4346

Inverse Universe

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



47.0447, 43.0326, 47.9467



71.8093, 63.3843, 70.7384



47.1895, 53.6302, 66.8965



11.9651, 11.8708, 13.0921



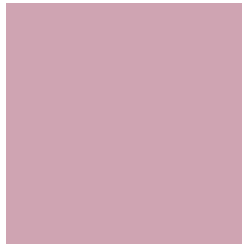
16.8969, 8.6316, 4.3630



0.9810, 0.4971, 0.4346

Previews

White Background



This preview shows how the XYZ color 47.0435, 43.0307, 47.9458 looks on a white background.

Color Contrast Check

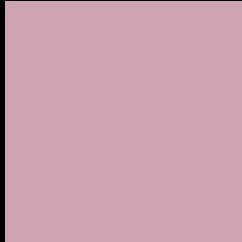
Large Text (above 18pt) WCAG AA × Fail

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 47.0435, 43.0307, 47.9458 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 47.0435, 43.0307, 47.9458

Background



This preview shows how black text looks on a background with the XYZ color 47.0435, 43.0307, 47.9458.



This preview shows how white text looks on a background with the XYZ color 47.0435, 43.0307,

47.9458.

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

47.0435, 43.0307, 47.9458

Protanopia

41.8862, 43.3507, 51.5073

Deuteranopia

44.0488, 43.1302, 47.5983



Tritanopia

46.9434, 42.9906, 47.4188

Trichromacy



Original Color

47.0435, 43.0307, 47.9458

Protanomaly

43.4999, 43.0680, 50.2762

Deuteranomaly

44.9644, 43.0499, 47.5346

Tritanomaly

46.9434, 42.9906, 47.4188

Monochromacy



Original Color

47.0435, 43.0307, 47.9458

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.9657, 43.9203, 48.2797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0435, 43.0307, 47.9458 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(207, 164, 178)` looks like.

```
.text, #text, p{  
    color:rgb(207, 164, 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(207, 164, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 164, 178) }
```

Border

The CSS property to change the border of an element to XYZ 47.0435, 43.0307, 47.9458 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(207, 164, 178) }
```


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

```
.border{ border-color:rgb(207, 164, 178) }
```

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

Here you see how a box with a 4 pixel rgb(207, 164, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 164, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 164, 178);  
box-shadow:4px 4px 4px 4px rgb(207, 164,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0435, 43.0307, 47.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 164, 178) }
```

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

```
.background{ background-color: rgb(207,  
164, 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](#).

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