

Converting Colors

XYZ(47.8843, 46.4072, 43.1071)

Have a look what the booklet for
XYZ(47.8843, 46.4072, 43.1071)
contains.

XYZ(47.8432, 46.3275, 42.9797)	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(47.8432, 46.3275,
42.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAEA7
RGB	207, 174, 167
RGB Percent	81%, 68%, 65%
CMY	0.1882, 0.3176, 0.3451
CMYK	0.00, 0.16, 0.19, 0.19
HSL	11°, 29%, 73%
HSV	11°, 19%, 81%
XYZ	47.8432, 46.3275, 42.9797
YIQ	183.0690, 21.9150, 4.8190

Conversions

Conversions Part 2

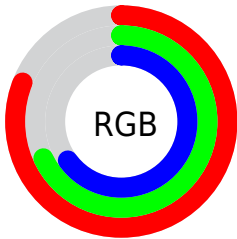
Format	Color
R _Y B	207, 175, 167
Decimal	13610663
CIE Lab	73.76, 10.85, 8.04
CIE LCh	74, 13.508, 36.543
Yxy	46.3275, 0.3488, 0.3378
Android (android.graphics.Color)	4291800743 (0xFFCFAEA7)
YUV	183.0690, -7.9220, 20.9875
Hunter-Lab	68.0643, 6.3572, 10.2059

Details

The XYZ color **47.8432, 46.3275, 42.9797** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8527, 54.0277, 66.9381**, and the grayscale version is **45.0823, 47.4301, 51.6513**.

A 20% lighter version of the original color is **82.7216, 83.1276, 80.7926**, and **23.0029, 21.8323, 19.2213** is the 20% darker color. If you saturate the color by 10%, you get **42.9891, 39.4403, 32.6641**, and if you desaturate by 10%, it is **53.4256, 54.1802, 55.0503**.

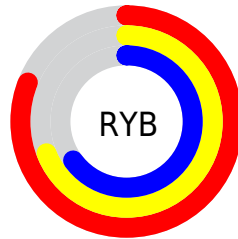
Distribution



Red (81%)

Green (68%)

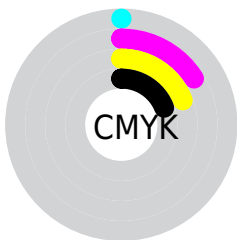
Blue (65%)



Red (81%)

Yellow (69%)

Blue (65%)

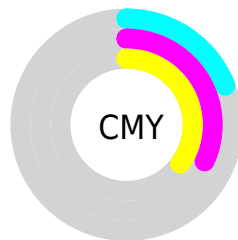


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (19%)



Cyan (19%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8432, 46.3275, 42.9797 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 47.8432, 46.3275, 42.9797 by changing the saturation by 10% instead.


 47.8432, 46.3275,
42.9797


 47.8432, 46.3275,
42.9797


368.7632,
372.1237, 374.4470

 33.9135, 32.5043,
29.5379


 86.1820, 84.7089,
80.9663

 22.9897, 21.7470,
19.2390

 111.3218,
110.0360, 106.3481

 14.7066, 13.6711,
11.6646


140.9290,
139.9664, 136.5470

 8.6987, 7.8923,
6.3960

175.3689,
174.8847, 171.9816

 4.6007, 4.0261,
3.0147

215.0069,
215.1752, 213.0703

 2.0473, 1.6882,
1.1021

260.2084,

 0.6603, 0.4160,

261.2222, 260.2318

0.0000

311.3387,
313.4103, 313.8845

■ 0.0000, 0.0000,
0.0000

■ 47.8432, 46.3275,
42.9797

■ 47.8432, 46.3275,
42.9797

■ 42.9891, 39.4403,
32.6641

■ 53.4256, 54.1802,
55.0503

■ 38.8292, 33.4751,
24.0188

■ 59.7608, 63.0272,
68.9495

■ 35.3325, 28.3944,
16.9564

■ 66.8772, 72.9040,
84.7501

■ 32.4639, 24.1557,
11.3803

■ 74.8001, 83.8424,
102.5202

■ 30.1850, 20.7129,
7.1834

■ 79.5423, 92.0055,
108.1742

■ 28.4532, 18.0154,
4.2441

■ 27.2195, 16.0067,
2.4191

■ 26.4141, 14.6168,
1.4694

■ 26.3706, 14.5421,
1.4170

Harmonies

Analogous

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



48.7757, 46.3275, 48.9526



47.8432, 46.3275, 42.9797



45.8944, 46.3275, 39.2701

Triad

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



47.8432, 46.3275, 42.9797



39.9360, 46.3275, 45.3655



44.5605, 46.3275, 64.7362

Complementary

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



47.8432, 46.3275, 42.9797



47.8527, 54.0277, 66.9381

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.



42.2224, 46.3275, 63.5559



47.8432, 46.3275, 42.9797



39.6080, 46.3275, 51.9629

Square

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



47.8432, 46.3275, 42.9797



41.3435, 46.3275, 40.5576



40.4305, 46.3275, 58.7233



46.8365, 46.3275, 61.8163

Rectangle

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



47.8432, 46.3275, 42.9797



44.3116, 46.3275, 38.3735



40.4305, 46.3275, 58.7233



43.7554, 46.3275, 64.8094

Sweetspot

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



47.8445, 46.3296, 42.9807



88.7887, 91.2636, 95.1406



50.0156, 45.0891, 60.9154



18.8644, 19.3383, 20.0576



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.



47.8445, 46.3296, 42.9807



73.4645, 69.7030, 62.0157



51.9253, 54.4912, 44.3409



11.9737, 12.1381, 12.3238



16.6633, 9.2597, 0.9090



0.9840, 0.6224, 0.0683

Inverse Universe

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



47.8527, 54.0277, 66.9381



73.4770, 84.1446, 106.9766



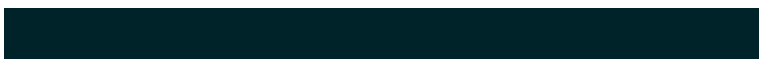
43.5880, 45.4983, 65.5165



11.9749, 13.0402, 15.1295



16.3040, 21.2547, 40.4357



0.9590, 1.2832, 2.2767

Previews

White Background



This preview shows how the XYZ color 47.8432, 46.3275, 42.9797 looks on a white background.

Color Contrast Check

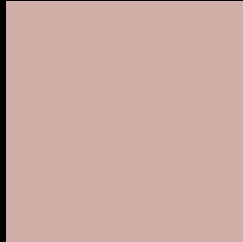
Large Text (above 18pt) WCAG AA × Fail

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 47.8432, 46.3275, 42.9797 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 47.8432, 46.3275, 42.9797

Background



This preview shows how black text looks on a background with the XYZ color 47.8432, 46.3275, 42.9797.



This preview shows how white text looks on a background with the XYZ color 47.8432, 46.3275,

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

47.8432, 46.3275, 42.9797

Protanopia

44.3681, 46.5528, 45.1752

Deuteranopia

47.2069, 46.2873, 43.0055



Tritanopia

49.6144, 46.1839, 52.1984

Trichromacy



Original Color

47.8432, 46.3275, 42.9797

Protanomaly

45.4242, 46.2124, 44.5560

Deuteranomaly

47.4819, 46.4291, 43.0184

Tritanomaly

48.8008, 46.1293, 48.4512

Monochromacy



Original Color

47.8432, 46.3275, 42.9797

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.9953, 47.0233, 48.2472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8432, 46.3275, 42.9797 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, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(207, 174, 167)  
}
```

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, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 174, 167) }
```

Border

The CSS property to change the border of an element to XYZ 47.8432, 46.3275, 42.9797 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, 174, 167) }
```


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

```
.border{ border-color:rgb(207, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(207, 174,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8432, 46.3275, 42.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 174, 167) }
```

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

```
.background{ background-color: rgb(207,  
174, 167) }
```

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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