

Converting Colors

XYZ(47.3880, 44.8632, 47.2361)

Have a look what the booklet for
XYZ(47.3880, 44.8632, 47.2361)
contains.

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Color

**XYZ(47.3880, 44.8632,
47.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	CDAAB0
RGB	205, 170, 176
RGB Percent	80%, 67%, 69%
CMY	0.1961, 0.3333, 0.3098
CMYK	0.00, 0.17, 0.14, 0.20
HSL	350°, 26%, 74%
HSV	350°, 17%, 80%
XYZ	47.3880, 44.8632, 47.2361
YIQ	181.1490, 18.9340, 9.2860

Conversions

Conversions Part 2

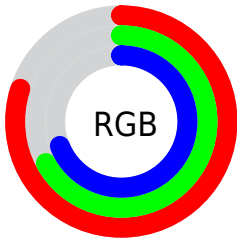
Format	Color
R _Y B	205, 170, 176
Decimal	13478576
CIE Lab	72.80, 13.71, 1.70
CIE LCh	73, 13.812, 7.084
Yxy	44.8632, 0.3397, 0.3216
Android (android.graphics.Color)	4291668656 (0xFFCDAAB0)
YUV	181.1490, -2.5385, 20.9173
Hunter-Lab	66.9800, 9.0728, 5.0731

Details

The XYZ color **47.3880, 44.8632, 47.2361** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7195, 56.3333, 62.3412**, and the grayscale version is **44.0087, 46.3006, 50.4214**.

A 20% lighter version of the original color is **82.7307, 80.9366, 87.6059**, and **22.6942, 20.8961, 21.9060** is the 20% darker color. If you saturate the color by 10%, you get **42.2637, 37.1379, 37.7478**, and if you desaturate by 10%, it is **53.3244, 53.8751, 58.0339**.

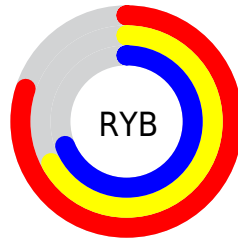
Distribution



Red (80%)

Green (67%)

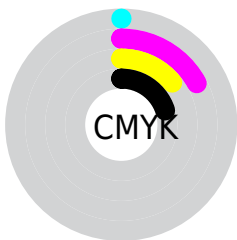
Blue (69%)



Red (80%)

Yellow (67%)

Blue (69%)

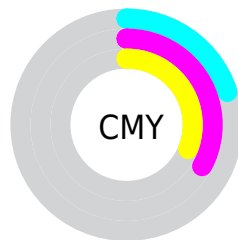


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3880, 44.8632, 47.2361 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 47.3880, 44.8632, 47.2361 by changing the saturation by 10% instead.


 47.3880, 44.8632,
47.2361

 47.3880, 44.8632,
47.2361


366.9842,
366.2192, 392.1772

 33.5517, 31.3497,
32.8667


 85.5077, 82.5151,
87.4196

 22.7107, 20.8653,
21.7540


110.5219,
107.4223, 114.0708

 14.4995, 13.0256,
13.4797


139.9927,
136.8961, 145.6529

 8.5529, 7.4461,
7.6251

174.2855,
171.3210, 182.5845

 4.5055, 3.7426,
3.7717

213.7657,
211.0814, 225.2842

 1.9919, 1.5307,
1.5009

258.7987,

 0.6294, 0.3102,

256.5616, 274.1706

0.2186

309.7498,
308.1461, 329.6620

■ 0.0000, 0.0000,
0.0000

■ 47.3880, 44.8632,
47.2361

■ 47.3880, 44.8632,
47.2361

■ 42.2637, 37.1379,
37.7478

■ 53.3244, 53.8751,
58.0339

■ 37.9123, 30.6348,
29.5163

■ 60.1025, 64.2223,
70.1858

■ 34.2971, 25.2928,
22.4892

■ 67.7547, 75.9584,
83.7374

■ 31.3766, 21.0432,
16.6095

■ 76.3109, 89.1321,
98.7317

■ 29.1053, 17.8102,
11.8155

■ 78.9870, 91.7192,
108.1483

■ 27.4323, 15.5081,
8.0394

■ 26.2984, 14.0368,
5.2057

■ 25.6269, 13.2634,
3.2258

■ 25.4822, 13.1013,
2.7855

Harmonies

Analogous

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



47.0358, 44.8632, 54.1790



47.3880, 44.8632, 47.2361



46.4307, 44.8632, 41.3026

Triad

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



47.3880, 44.8632, 47.2361



39.9178, 44.8632, 39.0427



40.8688, 44.8632, 62.0650

Complementary

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



47.3880, 44.8632, 47.2361



48.7195, 56.3333, 62.3412

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.



39.0636, 44.8632, 57.2615



47.3880, 44.8632, 47.2361



38.5291, 44.8632, 43.8794

Square

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



47.3880, 44.8632, 47.2361



42.0744, 44.8632, 36.8685



38.2223, 44.8632, 50.4970



43.2129, 44.8632, 63.1772

Rectangle

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



47.3880, 44.8632, 47.2361



45.1991, 44.8632, 38.5697



38.2223, 44.8632, 50.4970



40.1816, 44.8632, 60.8080

Sweetspot

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



47.3893, 44.8652, 47.2370



89.4618, 91.4713, 98.8749



48.8383, 45.2446, 63.9170



18.9866, 19.3318, 20.8716



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.



47.3893, 44.8652, 47.2370



74.8099, 69.2365, 72.1978



48.9747, 48.9648, 44.9027



11.2895, 11.2445, 12.0589



15.8879, 8.1658, 1.8626



0.8445, 0.4312, 0.2269

Inverse Universe

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



47.3893, 44.8652, 47.2370



74.8099, 69.2365, 72.1978



46.8719, 51.5018, 65.2284



11.2895, 11.2445, 12.0589



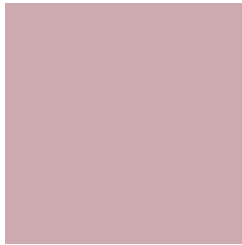
15.8879, 8.1658, 1.8626



0.8445, 0.4312, 0.2269

Previews

White Background



This preview shows how the XYZ color 47.3880, 44.8632, 47.2361 looks on a white background.

Color Contrast Check

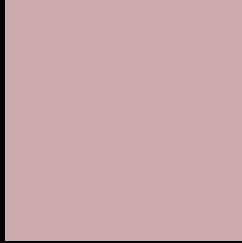
Large Text (above 18pt) WCAG AA × Fail

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 47.3880, 44.8632, 47.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

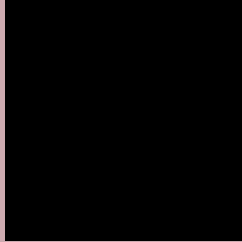
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3880, 44.8632, 47.2361

Background



This preview shows how black text looks on a background with the XYZ color 47.3880, 44.8632, 47.2361.



This preview shows how white text looks on a background with the XYZ color 47.3880, 44.8632,

47.2361.

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

47.3880, 44.8632, 47.2361

Protanopia

43.3169, 45.0007, 50.1190

Deuteranopia

45.7074, 44.8526, 46.8058



Tritanopia

48.0851, 44.8751, 50.3834

Trichromacy



Original Color

47.3880, 44.8632, 47.2361

Protanomaly

44.7019, 44.8618, 48.9510

Deuteranomaly

46.3098, 44.8796, 46.7793

Tritanomaly

47.8798, 44.7930, 49.3024

Monochromacy



Original Color

47.3880, 44.8632, 47.2361

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.0940, 45.6461, 49.0817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3880, 44.8632, 47.2361 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(205, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(205, 170, 176)  
}
```

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(205, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 170, 176) }
```

Border

The CSS property to change the border of an element to XYZ 47.3880, 44.8632, 47.2361 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(205, 170, 176) }
```


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

```
.border{ border-color:rgb(205, 170, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 170, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(205, 170,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3880, 44.8632, 47.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 170, 176) }
```

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

```
.background{ background-color: rgb(205,  
170, 176) }
```

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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