

Converting Colors

XYZ(48.6628, 46.9507, 47.0588)

Have a look what the booklet for
XYZ(48.6628, 46.9507, 47.0588)
contains.

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Color

**XYZ(48.8000, 47.0205,
47.0613)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAF AF
RGB	207, 175, 175
RGB Percent	81%, 69%, 69%
CMY	0.1882, 0.3137, 0.3137
CMYK	0.00, 0.15, 0.15, 0.19
HSL	0°, 25%, 75%
HSV	0°, 15%, 81%
XYZ	48.8000, 47.0205, 47.0613
YIQ	184.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

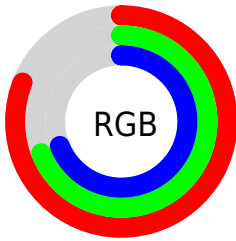
Format	Color
R _Y B	207, 175, 175
Decimal	13610927
CIE Lab	74.20, 11.57, 4.31
CIE LCh	74, 12.342, 20.420
Yxy	47.0205, 0.3415, 0.3291
Android (android.graphics.Color)	4291801007 (0xFFCF _A FA _F)
YUV	184.5680, -4.7170, 19.6729
Hunter-Lab	68.5715, 7.0323, 7.3087

Details

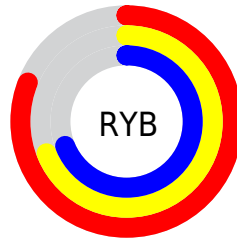
The XYZ color **48.8000, 47.0205, 47.0613** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2542, 58.2434, 67.5727**, and the grayscale version is **45.8932, 48.2833, 52.5805**.

A 20% lighter version of the original color is **84.0988, 84.1250, 86.6682**, and **23.4836, 22.0245, 21.7523** is the 20% darker color. If you saturate the color by 10%, you get **43.1966, 38.8214, 35.9201**, and if you desaturate by 10%, it is **55.3351, 56.5833, 60.0517**.

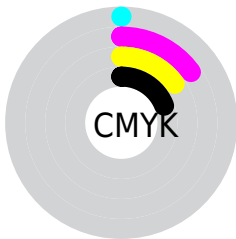
Distribution



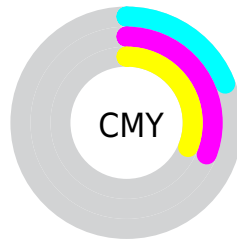
- Red (81%)
- Green (69%)
- Blue (69%)



- Red (81%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8000, 47.0205, 47.0613 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 48.8000, 47.0205, 47.0613 by changing the saturation by 10% instead.


 48.8000, 47.0205,
47.0613

 48.8000, 47.0205,
47.0613


372.4845,
374.8964, 391.4600

 34.6747, 33.0519,
32.7294

 87.5968, 85.7442,
87.1561

 23.5778, 22.1662,
21.6498


112.9991,
111.2681, 113.7560

 15.1437, 13.9791,
13.4040

142.8912,
141.4125, 145.2824

 9.0073, 8.1061,
7.5733

177.6382,
176.5618, 182.1538

 4.8031, 4.1629,
3.7393

217.6058,
217.1005, 224.7887

 2.1658, 1.7651,
1.4835

263.1591,

 0.7246, 0.4653,

263.4129, 273.6057

0.2056

314.6635,
315.8834, 329.0233

0.0000, 0.0000,
0.0000

48.8000, 47.0205,
47.0613

48.8000, 47.0205,
47.0613

43.1966, 38.8214,
35.9201

55.3351, 56.5833,
60.0517

38.4789, 31.9181,
26.5414

62.8376, 67.5613,
74.9670

34.6027, 26.2462,
18.8359

71.3459, 80.0111,
91.8820

31.5187, 21.7332,
12.7051

79.5424, 92.0055,
108.1743

29.1721, 18.2994,
8.0405

■ 27.5014, 15.8546,
4.7198

■ 26.4353, 14.2945,
2.6009

■ 25.8861, 13.4907,
1.5096

■ 25.7326, 13.2660,
1.2043

Harmonies

Analogous

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



49.0210, 47.0205, 53.2528



48.8000, 47.0205, 47.0613



47.4586, 47.0205, 42.3658

Triad

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



48.8000, 47.0205, 47.0613



41.4909, 47.0205, 43.8171



43.9870, 47.0205, 64.1814

Complementary

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



48.8000, 47.0205, 47.0613



51.2542, 58.2434, 67.5727

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.



42.0343, 47.0205, 61.1781



48.8000, 47.0205, 47.0613



40.6249, 47.0205, 49.1954

Square

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



48.8000, 47.0205, 47.0613



43.2230, 47.0205, 40.6028



40.8205, 47.0205, 55.5689



46.1930, 47.0205, 63.4910

Rectangle

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



48.8000, 47.0205, 47.0613



46.1331, 47.0205, 40.5505



40.8205, 47.0205, 55.5689



43.2804, 47.0205, 63.5615

Sweetspot

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



48.8013, 47.0226, 47.0623



89.1316, 91.3399, 97.1340



52.3252, 48.4310, 65.6223



18.9067, 19.3000, 20.4504



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.



48.8013, 47.0226, 47.0623



74.6528, 70.1536, 68.3498



52.1014, 53.6228, 48.1623



11.8089, 11.8085, 12.2689



16.2126, 8.3582, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



51.2542, 58.2434, 67.5727



79.4148, 91.9371, 108.1678



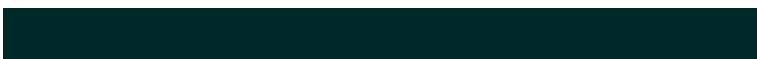
47.5731, 50.8812, 66.3457



12.1583, 13.4069, 15.1906



21.1504, 30.9473, 42.0512



1.1826, 1.7305, 2.3512

Previews

White Background



This preview shows how the XYZ color 48.8000, 47.0205, 47.0613 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 48.8000, 47.0205, 47.0613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

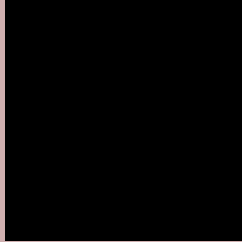
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8000, 47.0205, 47.0613

Background



This preview shows how black text looks on a background with the XYZ color 48.8000, 47.0205, 47.0613.



This preview shows how white text looks on a background with the XYZ color 48.8000, 47.0205,

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

48.8000, 47.0205, 47.0613

Protanopia

45.3581, 47.2754, 49.3823

Deuteranopia

47.8918, 46.8423, 47.0747



Tritanopia

49.9256, 46.8849, 53.4320

Trichromacy



Original Color

48.8000, 47.0205, 47.0613

Protanomaly

46.4041, 46.9239, 48.7309

Deuteranomaly

48.1650, 46.9832, 47.0875

Tritanomaly

49.6957, 47.1009, 51.2719

Monochromacy



Original Color

48.8000, 47.0205, 47.0613

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.8567, 47.7214, 50.4576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8000, 47.0205, 47.0613 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, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(207, 175, 175)  
}
```

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, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 175, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.8000, 47.0205, 47.0613 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, 175, 175) }
```


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

```
.border{ border-color:rgb(207, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(207, 175,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8000, 47.0205, 47.0613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 175, 175) }
```

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

```
.background{ background-color: rgb(207,  
175, 175) }
```

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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