

Converting Colors

XYZ(48.6683, 47.6374, 44.5240)

Have a look what the booklet for
XYZ(48.6683, 47.6374, 44.5240)
contains.

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Color

**XYZ(48.7100, 47.6120,
44.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB1AA
RGB	207, 177, 170
RGB Percent	81%, 69%, 67%
CMY	0.1882, 0.3059, 0.3333
CMYK	0.00, 0.14, 0.18, 0.19
HSL	11°, 28%, 74%
HSV	11°, 18%, 81%
XYZ	48.7100, 47.6120, 44.6529
YIQ	185.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

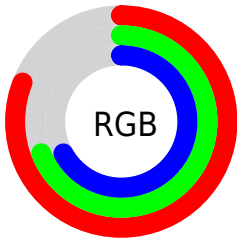
Format	Color
R _{YB}	207, 179, 170
Decimal	13611434
CIE Lab	74.58, 9.70, 7.58
CIE LCh	75, 12.308, 38.016
Yxy	47.6120, 0.3455, 0.3377
Android (android.graphics.Color)	4291801514 (0xFFCFB1AA)
YUV	185.1720, -7.4798, 19.1432
Hunter-Lab	69.0014, 5.2555, 9.9327

Details

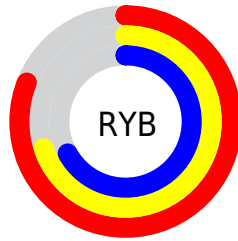
The XYZ color **48.7100, 47.6120, 44.6529** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4939, 54.3583, 66.9682**, and the grayscale version is **46.2434, 48.6516, 52.9816**.

A 20% lighter version of the original color is **83.9695, 84.9741, 83.2101**, and **23.4266, 22.3987, 20.2282** is the 20% darker color. If you saturate the color by 10%, you get **43.7908, 40.6643, 34.1009**, and if you desaturate by 10%, it is **54.3478, 55.5027, 56.9667**.

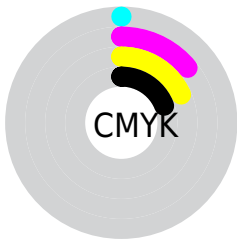
Distribution



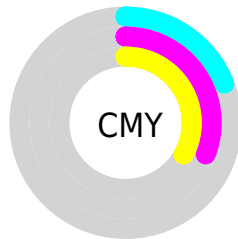
- Red (81%)
- Green (69%)
- Blue (67%)



- Red (81%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7100, 47.6120, 44.6529 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 48.7100, 47.6120, 44.6529 by changing the saturation by 10% instead.


 48.7100, 47.6120,
44.6529

 48.7100, 47.6120,
44.6529


372.1355,
377.2521, 381.4850

 34.6031, 33.5197,
30.8432


 87.4639, 86.6264,
83.5122

 23.5224, 22.5249,
20.2220


112.8416,
112.3174, 109.3989

 15.1025, 14.2431,
12.3708


142.7069,
142.6433, 140.1483

 8.9781, 8.2899,
6.8712

177.4252,
177.9887, 176.1789

 4.7839, 4.2810,
3.3044

217.3619,
218.7379, 217.9094

 2.1545, 1.8320,
1.2521

262.8822,

 0.7186, 0.5070,

265.2752, 265.7582

0.0220

314.3516,
317.9852, 320.1439

0.0000, 0.0000,
0.0000

48.7100, 47.6120,
44.6529

48.7100, 47.6120,
44.6529

43.7908, 40.6643,
34.1009

54.3478, 55.5027,
56.9667

39.5572, 34.6178,
25.2271

60.7278, 64.3631,
71.1148

35.9794, 29.4373,
17.9454

67.8771, 74.2272,
87.1693

33.0237, 25.0826,
12.1608

75.8206, 85.1252,
105.1974

30.6534, 21.5106,
7.7684

79.5423, 92.0055,
108.1743

■ 28.8278, 18.6737,
4.6492

■ 27.5004, 16.5192,
2.6645

■ 26.6113, 14.9850,
1.6162

■ 26.4639, 14.7287,
1.4481

Harmonies

Analogous

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



49.6254, 47.6120, 50.1508



48.7100, 47.6120, 44.6529



46.8749, 47.6120, 41.2859

Triad

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



48.7100, 47.6120, 44.6529



41.4000, 47.6120, 47.3871



45.8533, 47.6120, 64.9505

Complementary

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



48.7100, 47.6120, 44.6529



48.4939, 54.3583, 66.9682

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.



43.6705, 47.6120, 64.0581



48.7100, 47.6120, 44.6529



41.1467, 47.6120, 53.5696

Square

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



48.7100, 47.6120, 44.6529



42.6687, 47.6120, 42.7720



41.9650, 47.6120, 59.7627



47.9412, 47.6120, 62.1099

Rectangle

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



48.7100, 47.6120, 44.6529



45.4021, 47.6120, 40.5312



41.9650, 47.6120, 59.7627



45.1058, 47.6120, 65.0813

Sweetspot

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



48.7113, 47.6141, 44.6539



89.8553, 92.7873, 97.3753



50.5580, 46.1957, 61.0289



19.0818, 19.6503, 20.5088



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.



48.7113, 47.6141, 44.6539



75.2760, 72.3790, 65.5394



52.5670, 55.3255, 45.9391



11.9873, 12.1652, 12.3284



16.7251, 9.3832, 0.9296



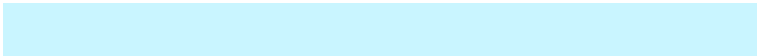
0.9903, 0.6350, 0.0704

Inverse Universe

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



48.4939, 54.3583, 66.9682



74.8696, 84.9220, 107.0533



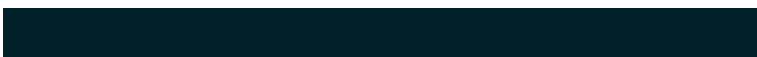
44.5106, 46.3916, 65.6405



11.9602, 13.0107, 15.1246



15.9623, 20.5712, 40.3218



0.9427, 1.2507, 2.2713

Previews

White Background



This preview shows how the XYZ color 48.7100, 47.6120, 44.6529 looks on a white background.

Color Contrast Check

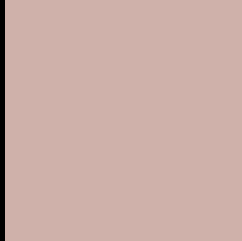
Large Text (above 18pt) WCAG AA × Fail

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 48.7100, 47.6120, 44.6529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

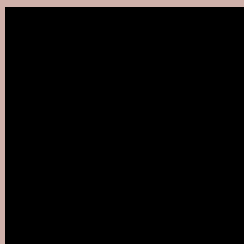
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7100, 47.6120, 44.6529

Background



This preview shows how black text looks on a background with the XYZ color 48.7100, 47.6120, 44.6529.



This preview shows how white text looks on a background with the XYZ color 48.7100, 47.6120,

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

48.7100, 47.6120, 44.6529

Protanopia

45.4626, 47.7029, 46.3466

Deuteranopia

48.4314, 47.4684, 44.6399



Tritanopia

50.5076, 47.4583, 54.0753

Trichromacy



Original Color

48.7100, 47.6120, 44.6529

Protanomaly

46.7352, 47.7621, 45.7855

Deuteranomaly

48.4314, 47.4684, 44.6399

Tritanomaly

49.6829, 47.4060, 50.2478

Monochromacy



Original Color

48.7100, 47.6120, 44.6529

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.9585, 48.0886, 49.9871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7100, 47.6120, 44.6529 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, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(207, 177, 170)  
}
```

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, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 177, 170) }
```

Border

The CSS property to change the border of an element to XYZ 48.7100, 47.6120, 44.6529 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, 177, 170) }
```


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

```
.border{ border-color:rgb(207, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(207, 177,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7100, 47.6120, 44.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 177, 170) }
```

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

```
.background{ background-color: rgb(207,  
177, 170) }
```

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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