

Converting Colors

XYZ(48.7230, 48.0299, 47.4871)

Have a look what the booklet for
XYZ(48.7230, 48.0299, 47.4871)
contains.

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Color

**XYZ(48.7598, 48.1727,
47.2858)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB3AF
RGB	204, 179, 175
RGB Percent	80%, 70%, 69%
CMY	0.2000, 0.2980, 0.3137
CMYK	0.00, 0.12, 0.14, 0.20
HSL	8°, 22%, 74%
HSV	8°, 14%, 80%
XYZ	48.7598, 48.1727, 47.2858
YIQ	186.0190, 16.1840, 4.0560

Conversions

Conversions Part 2

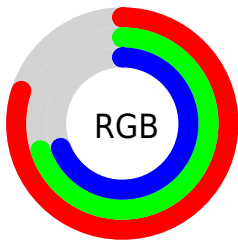
Format	Color
R_{YB}	204, 180, 175
Decimal	13415343
CIE _{Lab}	74.93, 8.31, 5.33
CIE _{LCh}	75, 9.867, 32.668
Yxy	48.1727, 0.3381, 0.3340
Android (android.graphics.Color)	4291605423 (0xFFCCB3AF)
YUV	186.0190, -5.4324, 15.7693
Hunter-Lab	69.4066, 3.9391, 8.1911

Details

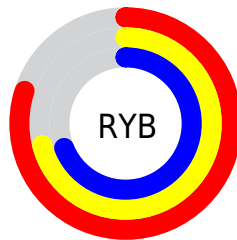
The XYZ color **48.7598, 48.1727, 47.2858** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2323, 54.7810, 65.1062**, and the grayscale version is **46.7070, 49.1394, 53.5128**.

A 20% lighter version of the original color is **85.2313, 86.3898, 87.0456**, and **23.6137, 22.8358, 21.9021** is the 20% darker color. If you saturate the color by 10%, you get **43.6036, 40.8279, 36.4175**, and if you desaturate by 10%, it is **54.6708, 56.5417, 59.9002**.

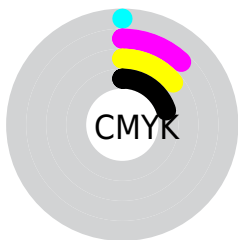
Distribution



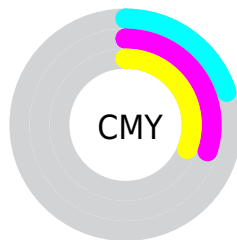
- Red (80%)
- Green (70%)
- Blue (69%)



- Red (80%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7598, 48.1727, 47.2858 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 48.7598, 48.1727, 47.2858 by changing the saturation by 10% instead.


 48.7598, 48.1727,
47.2858

 48.7598, 48.1727,
47.2858


372.3286,
379.4763, 392.3809

 34.6427, 33.9637,
32.9057

 87.5375, 87.4615,
87.4945

 23.5530, 22.8657,
21.7837

112.9288,
113.3100, 114.1602

 15.1253, 14.4944,
13.5012


142.8089,
143.8072, 145.7582

 8.9943, 8.4653,
7.6398

177.5431,
179.3374, 182.7069

 4.7945, 4.3941,
3.7809

217.4968,
220.2850, 225.4250

 2.1607, 1.8964,
1.5059

263.0354,

 0.7219, 0.5462,

267.0344, 274.3311

0.2223

314.5242,
319.9700, 329.8435

■ 0.0000, 0.0000,
0.0000

■ 48.7598, 48.1727,
47.2858

■ 48.7598, 48.1727,
47.2858

■ 43.6036, 40.8279,
36.4175

■ 54.6708, 56.5417,
59.9002

■ 39.1678, 34.4617,
27.2153

■ 61.3613, 65.9655,
74.3298

■ 35.4214, 29.0346,
19.5976

■ 68.8597, 76.4813,
90.6436

■ 32.3292, 24.5019,
13.4747

■ 76.9328, 88.0190,
107.5423

■ 29.8532, 20.8155,
8.7479

■ 78.7120, 91.5775,
108.1354

■ 27.9512, 17.9223,
5.3064

■ 26.5758, 15.7634,
3.0228

■ 25.6711, 14.2713,
1.7431

■ 25.3212, 13.6758,
1.3051

Harmonies

Analogous

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



49.3285, 48.1727, 51.9922



48.7598, 48.1727, 47.2858



47.3928, 48.1727, 44.1368

Triad

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



48.7598, 48.1727, 47.2858



42.7829, 48.1727, 48.0349



45.9479, 48.1727, 62.9795

Complementary

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



48.7598, 48.1727, 47.2858



49.2323, 54.7810, 65.1062

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.



44.2173, 48.1727, 61.7508



48.7598, 48.1727, 47.2858



42.4186, 48.1727, 52.9143

Square

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



48.7598, 48.1727, 47.2858



43.9454, 48.1727, 44.5490



42.9370, 48.1727, 57.9812



47.6787, 48.1727, 61.2382

Rectangle

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



48.7598, 48.1727, 47.2858



46.2294, 48.1727, 43.2298



42.9370, 48.1727, 57.9812



45.3468, 48.1727, 62.9002

Sweetspot

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



48.7611, 48.1748, 47.2868



90.7100, 93.8786, 99.5657



50.6733, 47.6743, 61.2571



19.2461, 19.8544, 20.9473



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.



48.7611, 48.1748, 47.2868



78.0563, 75.9494, 72.6018



51.7914, 54.2354, 48.2969



11.3352, 11.4593, 11.6939



15.9776, 8.6882, 0.8349



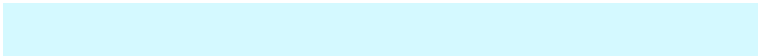
0.8659, 0.5315, 0.0569

Inverse Universe

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



49.2323, 54.7810, 65.1062



78.9810, 88.9259, 107.6094



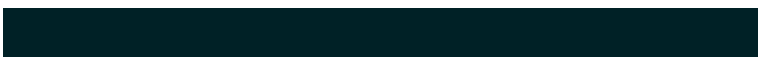
46.0607, 48.4378, 64.0490



11.4061, 12.4526, 14.3728



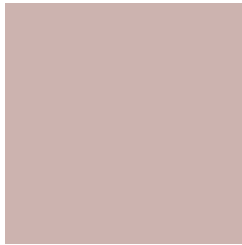
16.6625, 22.3490, 39.3919



0.8969, 1.2276, 2.0446

Previews

White Background



This preview shows how the XYZ color 48.7598, 48.1727, 47.2858 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 48.7598, 48.1727, 47.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

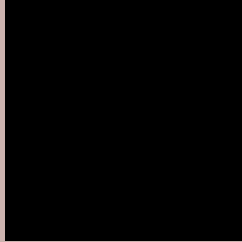
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7598, 48.1727, 47.2858

Background



This preview shows how black text looks on a background with the XYZ color 48.7598, 48.1727, 47.2858.



This preview shows how white text looks on a background with the XYZ color 48.7598, 48.1727,

47.2858.

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

48.7598, 48.1727, 47.2858

Protanopia

46.1626, 48.3141, 49.0120

Deuteranopia

49.1119, 48.0577, 47.2450



Tritanopia

50.4700, 48.2838, 55.3748

Trichromacy



Original Color

48.7598, 48.1727, 47.2858

Protanomaly

46.9119, 48.0996, 48.4066

Deuteranomaly

48.8351, 47.9151, 47.2321

Tritanomaly

49.8542, 48.3227, 52.5986

Monochromacy



Original Color

48.7598, 48.1727, 47.2858

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.3693, 48.5818, 51.1366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7598, 48.1727, 47.2858 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(204, 179, 175) looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 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(204, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.7598, 48.1727, 47.2858 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(204, 179, 175) }
```


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

```
.border{ border-color:rgb(204, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7598, 48.1727, 47.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 179, 175) }
```

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

```
.background{ background-color: rgb(204,  
179, 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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