

Converting Colors

XYZ(47.8143, 48.1186, 44.0748)

Have a look what the booklet for
XYZ(47.8143, 48.1186, 44.0748)
contains.

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Color

**XYZ(47.8398, 48.0636,
44.2919)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB4A9
RGB	202, 180, 169
RGB Percent	79%, 71%, 66%
CMY	0.2078, 0.2941, 0.3372
CMYK	0.00, 0.11, 0.16, 0.21
HSL	20°, 24%, 73%
HSV	20°, 16%, 79%
XYZ	47.8398, 48.0636, 44.2919
YIQ	185.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

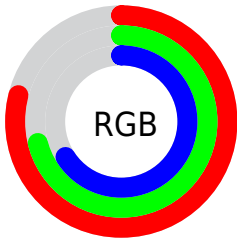
Format	Color
R _Y B	202, 186, 169
Decimal	13284521
CIE Lab	74.87, 6.07, 8.47
CIE LCh	75, 10.423, 54.390
Yxy	48.0636, 0.3412, 0.3428
Android (android.graphics.Color)	4291474601 (0xFFCAB4A9)
YUV	185.3240, -8.0477, 14.6249
Hunter-Lab	69.3279, 1.8503, 10.6506

Details

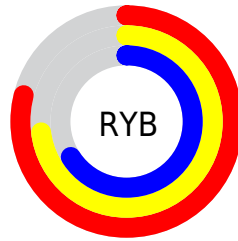
The XYZ color **47.8398, 48.0636, 44.2919** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6534, 49.9599, 63.1146**, and the grayscale version is **46.3325, 48.7454, 53.0837**.

A 20% lighter version of the original color is **84.6900, 86.6327, 82.7792**, and **23.0130, 22.7590, 20.0096** is the 20% darker color. If you saturate the color by 10%, you get **43.5009, 42.1896, 34.2013**, and if you desaturate by 10%, it is **52.7384, 54.5873, 56.0156**.

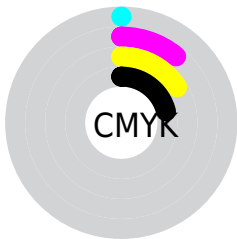
Distribution



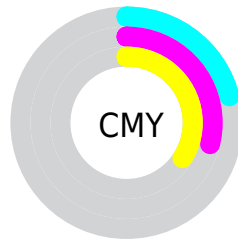
- Red (79%)
- Green (71%)
- Blue (66%)



- Red (79%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (21%)





- Cyan (21%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8398, 48.0636, 44.2919 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 47.8398, 48.0636, 44.2919 by changing the saturation by 10% instead.


 47.8398, 48.0636,
44.2919

 47.8398, 48.0636,
44.2919


368.7500,
379.0442, 379.9743

 33.9108, 33.8773,
30.5612


 86.1770, 87.2991,
82.9640

 22.9876, 22.7993,
20.0093

111.3158,
113.1170, 108.7424

 14.7050, 14.4454,
12.2176


140.9220,
143.5809, 139.3738

 8.6976, 8.4311,
6.7677

175.3608,
179.0753, 175.2767

 4.6000, 4.3720,
3.2410

214.9977,
219.9843, 216.8696

 2.0468, 1.8838,
1.2190

260.1979,

 0.6601, 0.5386,

266.6926, 264.5712

0.0000

311.3269,
319.5844, 318.7999

■ 0.0000, 0.0000,
0.0000

■ 47.8398, 48.0636,
44.2919

■ 47.8398, 48.0636,
44.2919

■ 43.5009, 42.1896,
34.2013

■ 52.7384, 54.5873,
56.0156

■ 39.6970, 36.9384,
25.6677

■ 58.2125, 61.7736,
69.4379

■ 36.4069, 32.2907,
18.6134

■ 64.2822, 69.6432,
84.6243

■ 33.6068, 28.2239,
12.9527

■ 70.9653, 78.2138,
101.6360

■ 31.2705, 24.7136,
8.5911

■ 75.7682, 86.4984,
107.3102

■ 29.3692, 21.7335,
5.4219

■ 78.1673, 91.2967,
108.1099

■ 27.8703, 19.2549,
3.3214

■ 26.7340, 17.2451,
2.1321

■ 26.3857, 16.6134,
1.8160

Harmonies

Analogous

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



49.0860, 48.0636, 48.1371



47.8398, 48.0636, 44.2919



46.0405, 48.0636, 42.6106

Triad

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



47.8398, 48.0636, 44.2919



42.1485, 48.0636, 51.3186



47.2058, 48.0636, 62.4346

Complementary

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



47.8398, 48.0636, 44.2919



45.6534, 49.9599, 63.1146

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.



45.3274, 48.0636, 63.4322



47.8398, 48.0636, 44.2919



42.4411, 48.0636, 56.7661

Square

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



47.8398, 48.0636, 44.2919



42.7815, 48.0636, 46.4835



43.5920, 48.0636, 61.2930



48.7129, 48.0636, 58.6539

Rectangle

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



47.8398, 48.0636, 44.2919



44.7826, 48.0636, 42.8532



43.5920, 48.0636, 61.2930



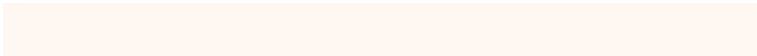
46.5954, 48.0636, 63.1171

Sweetspot

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



47.8411, 48.0657, 44.2929



90.4131, 93.9028, 97.5612



47.9496, 44.6947, 55.3905



19.2170, 19.9207, 20.5538



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.



47.8411, 48.0657, 44.2929



77.9970, 77.3355, 67.9431



51.3720, 55.1275, 45.4699



11.5129, 11.8147, 11.7531



17.0525, 10.8380, 1.1932



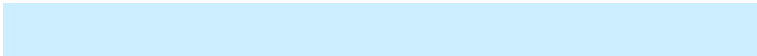
0.9494, 0.6984, 0.0848

Inverse Universe

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



45.6534, 49.9599, 63.1146



73.5247, 81.2031, 106.4063



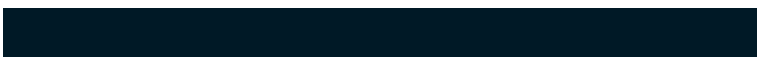
42.2563, 43.1656, 61.9822



11.2159, 12.0722, 14.3094



12.4880, 14.0001, 38.0004



0.7122, 0.8582, 1.9831

Previews

White Background



This preview shows how the XYZ color 47.8398, 48.0636, 44.2919 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 47.8398, 48.0636, 44.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

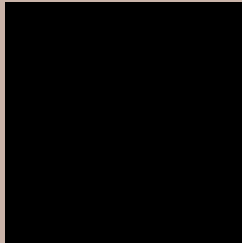
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8398, 48.0636, 44.2919

Background



This preview shows how black text looks on a background with the XYZ color 47.8398, 48.0636, 44.2919.



This preview shows how white text looks on a background with the XYZ color 47.8398, 48.0636,

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

47.8398, 48.0636, 44.2919

Protanopia

45.9770, 48.2976, 45.4272

Deuteranopia

49.0943, 48.1153, 44.2357



Tritanopia

50.3029, 48.1850, 55.9396

Trichromacy



Original Color

47.8398, 48.0636, 44.2919

Protanomaly

46.6949, 48.3714, 44.9057

Deuteranomaly

48.7351, 48.2266, 44.2762

Tritanomaly

49.3695, 48.0971, 51.4814

Monochromacy



Original Color

47.8398, 48.0636, 44.2919

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.5560, 48.1980, 49.4972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8398, 48.0636, 44.2919 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(202, 180, 169)` looks like.

```
.text, #text, p{  
    color:rgb(202, 180, 169)  
}
```

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(202, 180, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 180, 169) }
```

Border

The CSS property to change the border of an element to XYZ 47.8398, 48.0636, 44.2919 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(202, 180, 169) }
```


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

```
.border{ border-color:rgb(202, 180, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 180, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 180, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 180, 169);  
box-shadow:4px 4px 4px 4px rgb(202, 180,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8398, 48.0636, 44.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 180, 169) }
```

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

```
.background{ background-color: rgb(202,  
180, 169) }
```

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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