

Converting Colors

XYZ(47.8873, 47.2829, 40.3208)

Have a look what the booklet for
XYZ(47.8873, 47.2829, 40.3208)
contains.

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Color

**XYZ(47.8873, 47.2829,
40.3208)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFB1A1 |
| RGB | 207, 177, 161 |
| RGB Percent | 81%, 69%, 63% |
| CMY | 0.1882, 0.3059, 0.3686 |
| CMYK | 0.00, 0.14, 0.22, 0.19 |
| HSL | 21°, 32%, 72% |
| HSV | 21°, 22%, 81% |
| XYZ | 47.8873, 47.2829, 40.3208 |
| YIQ | 184.1460, 23.0160, 1.3840 |

Conversions

Conversions Part 2

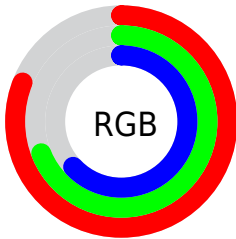
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 207, 186, 161 |
| Decimal | 13611425 |
| CIE _{Lab} | 74.37, 8.33, 12.19 |
| CIE _{LCh} | 74, 14.765, 55.643 |
| Yxy | 47.2829, 0.3534, 0.3490 |
| Android (android.graphics.Color) | 4291801505 (0xFFCFB1A1) |
| YUV | 184.1460, -11.4110, 20.0430 |
| Hunter-Lab | 68.7626, 3.9756, 13.3675 |

Details

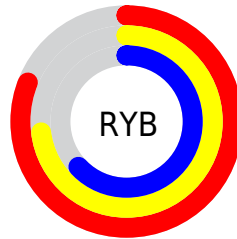
The XYZ color **47.8873, 47.2829, 40.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5908, 49.3424, 66.2056**, and the grayscale version is **45.6939, 48.0735, 52.3520**.

A 20% lighter version of the original color is **82.7736, 84.4957, 76.9124**, and **22.9169, 22.1948, 17.5442** is the 20% darker color. If you saturate the color by 10%, you get **43.6755, 41.5426, 30.6442**, and if you desaturate by 10%, it is **52.6676, 53.6759, 51.6790**.

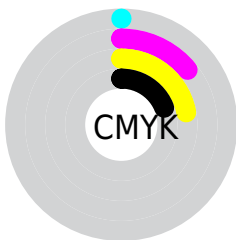
Distribution



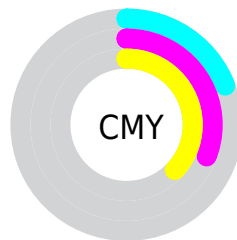
- Red (81%)
- Green (69%)
- Blue (63%)



- Red (81%)
- Yellow (73%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8873, 47.2829, 40.3208 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 47.8873, 47.2829, 40.3208 by changing the saturation by 10% instead.


 47.8873, 47.2829,
40.3208


 47.8873, 47.2829,
40.3208


368.9353,
375.9426, 363.0661

 33.9485, 33.2594,
27.4731


 86.2473, 86.1357,
76.8942

 23.0168, 22.3252,
17.6933


 111.3992,
111.7338, 101.4569

 14.7266, 14.0960,
10.5628


141.0196,
141.9589, 130.7618

 8.7128, 8.1875,
5.6632

175.4737,
177.1953, 165.2272

 4.6100, 4.2152,
2.5760

215.1270,
217.8275, 205.2718

 2.0527, 1.7946,
0.8800

260.3448,

 0.6633, 0.4838,

264.2399, 251.3141

0.0000

311.4924,
316.8168, 303.7727

■ 0.0000, 0.0000,
0.0000

■ 47.8873, 47.2829,
40.3208

■ 47.8873, 47.2829,
40.3208

■ 43.6755, 41.5426,
30.6442

■ 52.6676, 53.6759,
51.6790

■ 40.0060, 36.4274,
22.5653

■ 58.0338, 60.7352,
64.7910

■ 36.8559, 31.9169,
15.9977

■ 64.0071, 68.4824,
79.7287

■ 34.1991, 27.9874,
10.8452

■ 70.6066, 76.9357,
96.5588

■ 32.0070, 24.6132,
7.0006

■ 76.2824, 85.4858,
107.0876

■ 30.2474, 21.7665,
4.3411

■ 79.5423, 92.0055,
108.1742

■ 28.8830, 19.4162,
2.7196

■ 28.0508, 17.9026,
1.9771

Harmonies

Analogous

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



49.7075, 47.2829, 45.4052



47.8873, 47.2829, 40.3208



45.3304, 47.2829, 38.2245

Triad

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



47.8873, 47.2829, 40.3208



40.0353, 47.2829, 50.3790



47.1891, 47.2829, 65.8373

Complementary

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



47.8873, 47.2829, 40.3208



44.5908, 49.3424, 66.2056

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.



44.5538, 47.2829, 67.4996



47.8873, 47.2829, 40.3208



40.4894, 47.2829, 58.0804

Square

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



47.8873, 47.2829, 40.3208



40.8526, 47.2829, 43.6568



42.1181, 47.2829, 64.5358



49.2934, 47.2829, 60.1928

Rectangle

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



47.8873, 47.2829, 40.3208



43.5770, 47.2829, 38.6358



42.1181, 47.2829, 64.5358



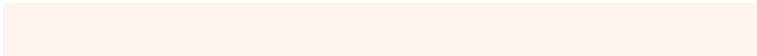
46.3331, 47.2829, 66.9026

Sweetspot

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



47.8886, 47.2850, 40.3218



88.7065, 91.7002, 93.2603



47.9550, 42.5467, 55.3610



18.8746, 19.4799, 19.6875



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.



47.8886, 47.2850, 40.3218



73.1912, 70.9561, 56.3763



52.6658, 56.8394, 41.9142



12.1403, 12.4713, 12.3794



17.7535, 11.4401, 1.2724



1.0662, 0.7867, 0.0956

Inverse Universe

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



44.5908, 49.3424, 66.2056



66.9250, 74.8555, 105.5290



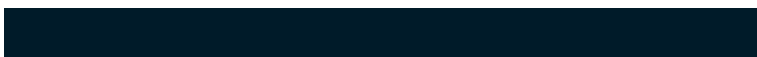
40.0870, 40.3348, 64.7044



11.7978, 12.6858, 15.0704



12.6444, 13.9355, 39.2159



0.7797, 0.9246, 2.2169

Previews

White Background



This preview shows how the XYZ color 47.8873, 47.2829, 40.3208 looks on a white background.

Color Contrast Check

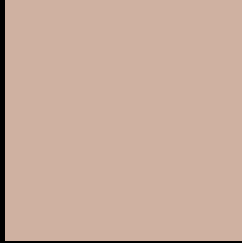
Large Text (above 18pt) WCAG AA × Fail

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 47.8873, 47.2829, 40.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

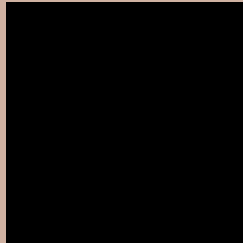
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8873, 47.2829, 40.3208

Background



This preview shows how black text looks on a background with the XYZ color 47.8873, 47.2829, 40.3208.



This preview shows how white text looks on a background with the XYZ color 47.8873, 47.2829,

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

47.8873, 47.2829, 40.3208

Protanopia

44.9146, 47.2126, 41.8676

Deuteranopia

48.2529, 47.1792, 40.2815



Tritanopia

50.4916, 47.1766, 53.4585

Trichromacy



Original Color

47.8873, 47.2829, 40.3208

Protanomaly

45.9581, 47.1572, 41.3303

Deuteranomaly

47.9708, 47.0338, 40.2683

Tritanomaly

49.4664, 47.0418, 48.5923

Monochromacy



Original Color

47.8873, 47.2829, 40.3208

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.0986, 47.3888, 47.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8873, 47.2829, 40.3208 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(207, 177, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 177, 161) }
```

Border

The CSS property to change the border of an element to XYZ 47.8873, 47.2829, 40.3208 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, 161) }
```


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

```
.border{ border-color:rgb(207, 177, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(207, 177,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8873, 47.2829, 40.3208 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, 161) }
```

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

```
.background{ background-color: rgb(207,  
177, 161) }
```

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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