

Converting Colors

XYZ(48.0943, 47.9184, 33.5376)

Have a look what the booklet for
XYZ(48.0943, 47.9184, 33.5376)
contains.

XYZ(47.8952, 47.7340, 33.4773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.8952, 47.7340,
33.4773)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B291
RGB	211, 178, 145
RGB Percent	83%, 70%, 57%
CMY	0.1725, 0.3019, 0.4314
CMYK	0.00, 0.16, 0.31, 0.17
HSL	30°, 43%, 70%
HSV	30°, 31%, 83%
XYZ	47.8952, 47.7340, 33.4773
YIQ	184.1050, 30.2610, -3.2670

Conversions

Conversions Part 2

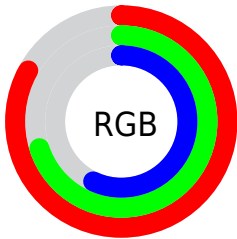
Format	Color
RYB	211, 211, 145
Decimal	13873809
CIELab	74.66, 7.12, 21.32
CIELCh	75, 22.475, 71.531
Yxy	47.7340, 0.3710, 0.3697
Android (android.graphics.Color)	4292063889 (0xFFD3B291)
YUV	184.1050, -19.2788, 23.5869
Hunter-Lab	69.0898, 2.8346, 19.6340

Details

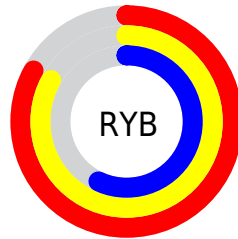
The XYZ color **47.8952, 47.7340, 33.4773** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.3549, 42.5624, 67.7693**, and the grayscale version is **45.7105, 48.0910, 52.3711**.

A 20% lighter version of the original color is **80.9716, 84.2292, 66.0230**, and **22.8716, 22.4439, 13.7163** is the 20% darker color. If you saturate the color by 10%, you get **44.3984, 43.1067, 25.0165**, and if you desaturate by 10%, it is **51.8581, 52.8094, 43.5853**.

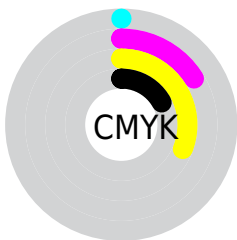
Distribution



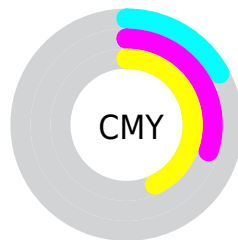
- Red (83%)
- Green (70%)
- Blue (57%)



- Red (83%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8952, 47.7340, 33.4773 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 47.8952, 47.7340, 33.4773 by changing the saturation by 10% instead.


 47.8952, 47.7340,
33.4773


 47.8952, 47.7340,
33.4773


368.9661,
377.7368, 332.4927

 33.9548, 33.6163,
22.2182


 86.2590, 86.8082,
66.2446

 23.0216, 22.5990,
13.8175


 111.4131,
112.5335, 88.5899

 14.7302, 14.2977,
7.8565


141.0358,
142.8968, 115.4676

 8.7154, 8.3280,
3.9168

175.4925,
178.2825, 147.2964

 4.6116, 4.3055,
1.5798

215.1485,
219.0749, 184.4948

 2.0536, 1.8459,
0.2764

260.3692,

 0.6638, 0.5155,

265.6585, 227.4813

0.0000

311.5200,
318.4177, 276.6744

■ 0.0000, 0.0000,
0.0000

■ 47.8952, 47.7340,
33.4773

■ 47.8952, 47.7340,
33.4773

■ 44.3984, 43.1067,
25.0165

■ 51.8581, 52.8094,
43.5853

■ 41.3437, 38.9071,
18.1106

■ 56.3023, 58.3394,
55.4201

■ 38.7101, 35.1224,
12.6623

■ 61.2469, 64.3389,
69.0598

■ 36.4732, 31.7367,
8.5622

■ 66.7087, 70.8198,
84.5768

■ 34.6055, 28.7325,
5.6853

■ 72.7036, 77.7936,
102.0392

■ 33.0747, 26.0902,
3.8823

■ 76.4573, 84.1554,
106.8216

■ 31.9682, 24.0572,
2.9586

■ 79.6759, 90.5927,
107.8945

■ 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



51.4860, 47.7340, 38.4813



47.8952, 47.7340, 33.4773



43.8228, 47.7340, 32.9563

Triad

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



47.8952, 47.7340, 33.4773



38.1234, 47.7340, 56.5859



50.7606, 47.7340, 70.6293

Complementary

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



47.8952, 47.7340, 33.4773



39.3549, 42.5624, 67.7693

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.



46.9527, 47.7340, 77.1821



47.8952, 47.7340, 33.4773



39.7581, 47.7340, 68.3014

Square

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



47.8952, 47.7340, 33.4773



38.3422, 47.7340, 45.1903



42.9346, 47.7340, 76.2716



53.2074, 47.7340, 59.4052

Rectangle

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



47.8952, 47.7340, 33.4773



41.3977, 47.7340, 35.1107



42.9346, 47.7340, 76.2716



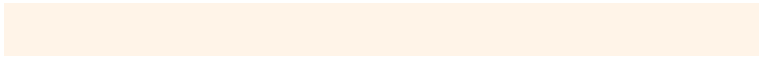
49.5880, 47.7340, 73.5220

Sweetspot

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



47.8964, 47.7362, 33.4783



88.0210, 91.5058, 89.4044



45.0256, 37.3146, 46.9493



18.6099, 19.3042, 18.5086



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.



47.8964, 47.7362, 33.4783



69.6257, 68.1431, 41.8762



55.2693, 62.4819, 35.9359



12.2901, 12.7710, 12.4293



19.3953, 14.7235, 1.8197



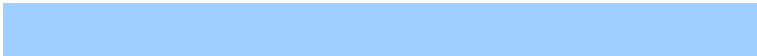
1.1638, 0.9820, 0.1282

Inverse Universe

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



39.3549, 42.5624, 67.7693



54.3726, 58.9040, 103.1116



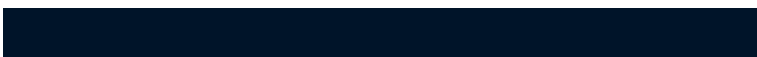
33.5609, 30.9743, 65.8379



11.6450, 12.3802, 15.0195



10.2770, 9.2005, 38.4267



0.6540, 0.6731, 2.1750

Previews

White Background



This preview shows how the XYZ color 47.8952, 47.7340, 33.4773 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 47.8952, 47.7340, 33.4773 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 47.8952, 47.7340, 33.4773

Background



This preview shows how black text looks on a background with the XYZ color 47.8952, 47.7340, 33.4773.



This preview shows how white text looks on a background with the XYZ color 47.8952, 47.7340,

33.4773.

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

47.8952, 47.7340, 33.4773

Protanopia

44.9915, 48.0212, 34.9147

Deuteranopia

48.8573, 47.9357, 33.4655



Tritanopia

51.9344, 47.6491, 52.9143

Trichromacy



Original Color

47.8952, 47.7340, 33.4773

Protanomaly

46.0818, 47.9800, 34.4361

Deuteranomaly

48.5645, 47.7848, 33.4518

Tritanomaly

50.2183, 47.5085, 45.0513

Monochromacy



Original Color

47.8952, 47.7340, 33.4773

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.2318, 47.8275, 44.8252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8952, 47.7340, 33.4773 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(211, 178, 145) looks like.

```
.text, #text, p{  
    color:rgb(211, 178, 145)  
}
```

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(211, 178, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 178, 145) }
```

Border

The CSS property to change the border of an element to XYZ 47.8952, 47.7340, 33.4773 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(211, 178, 145) }
```


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

```
.border{ border-color:rgb(211, 178, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 178, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 178, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 178, 145);  
box-shadow:4px 4px 4px 4px rgb(211, 178,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8952, 47.7340, 33.4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 178, 145) }
```

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

```
.background{ background-color: rgb(211,  
178, 145) }
```

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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