

Converting Colors

XYZ(51.7980, 49.2059, 47.4116)

Have a look what the booklet for
XYZ(51.7980, 49.2059, 47.4116)
contains.

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Color

**XYZ(51.7789, 49.1384,
47.3130)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D8B1AF |
| RGB | 216, 177, 175 |
| RGB Percent | 85%, 69%, 69% |
| CMY | 0.1529, 0.3059, 0.3137 |
| CMYK | 0.00, 0.18, 0.19, 0.15 |
| HSL | 3°, 34%, 77% |
| HSV | 3°, 19%, 85% |
| XYZ | 51.7789, 49.1384, 47.3130 |
| YIQ | 188.4330, 23.8860, 7.6460 |

Conversions

Conversions Part 2

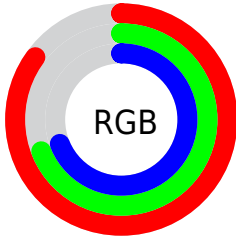
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 216, 177, 175 |
| Decimal | 14201263 |
| CIE Lab | 75.54, 13.80, 6.34 |
| CIE LCh | 76, 15.187, 24.666 |
| Yxy | 49.1384, 0.3493, 0.3315 |
| Android (android.graphics.Color) | 4292391343 (0xFFD8B1AF) |
| YUV | 188.4330, -6.6225, 24.1763 |
| Hunter-Lab | 70.0988, 9.1772, 9.0515 |

Details

The XYZ color **51.7789, 49.1384, 47.3130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1198, 62.1632, 74.1124**, and the grayscale version is **48.0744, 50.5780, 55.0794**.

A 20% lighter version of the original color is **84.6618, 85.2510, 86.8558**, and **25.4807, 23.4224, 21.9169** is the 20% darker color. If you saturate the color by 10%, you get **46.0680, 40.8443, 35.7667**, and if you desaturate by 10%, it is **58.4427, 58.7945, 60.8523**.

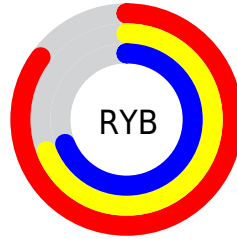
Distribution



Red (85%)

Green (69%)

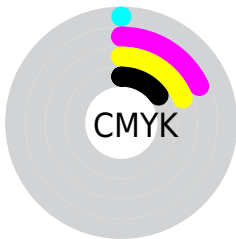
Blue (69%)



Red (85%)

Yellow (69%)

Blue (69%)

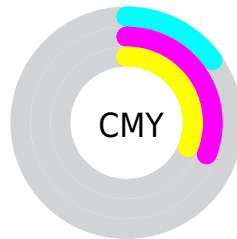


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7789, 49.1384, 47.3130 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 51.7789, 49.1384, 47.3130 by changing the saturation by 10% instead.


 51.7789, 49.1384,
47.3130

 51.7789, 49.1384,
47.3130


383.9204,
383.2869, 392.4924

 37.0524, 34.7293,
32.9270

 91.9812, 88.8970,
87.5355

 25.4219, 23.4544,
21.7999


118.1878,
115.0152, 114.2092

 16.5221, 14.9294,
13.5130


148.9518,
145.8053, 145.8158

 9.9875, 8.7699,
7.6479

184.6386,
181.6516, 182.7739

 5.4529, 4.5914,
3.7860

225.6135,
222.9385, 225.5021

 2.5528, 2.0096,
1.5087

272.2418,

 0.9220, 0.6130,

270.0504, 274.4189

0.2244

324.8890,
323.3718, 329.9428

■ 0.0000, 0.0000,
0.0000

■ 51.7789, 49.1384,
47.3130

■ 51.7789, 49.1384,
47.3130

■ 46.0680, 40.8443,
35.7667

■ 58.4427, 58.7945,
60.8523

■ 41.2628, 33.8445,
26.1163

■ 66.0960, 69.8629,
76.4691

■ 37.3178, 28.0759,
18.2616

■ 74.7783, 82.3996,
94.2469

■ 34.1823, 23.4672,
12.0916

■ 82.1291, 93.3390,
108.2953

■ 31.8000, 19.9399,
7.4831

■ 30.1076, 17.4058,
4.2961

■ 29.0312, 15.7628,
2.3657

■ 28.4706, 14.8829,
1.4353

■ 28.4337, 14.8284,
1.3635

Harmonies

Analogous

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



52.2826, 49.1384, 54.9520



51.7789, 49.1384, 47.3130



49.8935, 49.1384, 41.8665

Triad

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



51.7789, 49.1384, 47.3130



42.4417, 49.1384, 45.0587



46.2051, 49.1384, 70.4020

Complementary

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



51.7789, 49.1384, 47.3130



54.1198, 62.1632, 74.1124

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.



43.6545, 49.1384, 67.1184



51.7789, 49.1384, 47.3130



41.5381, 49.1384, 52.0804

Square

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



51.7789, 49.1384, 47.3130



44.4899, 49.1384, 40.6591



41.9731, 49.1384, 60.2114



48.9916, 49.1384, 68.8023

Rectangle

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



51.7789, 49.1384, 47.3130



48.1453, 49.1384, 39.9476



41.9731, 49.1384, 60.2114



45.2929, 49.1384, 69.8237

Sweetspot

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



51.7802, 49.1406, 47.3140



88.2158, 90.1177, 94.9496



55.8680, 50.1469, 70.7783



18.7295, 19.0686, 20.0127



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.



51.7802, 49.1406, 47.3140



71.7171, 66.2083, 61.4333



55.9932, 57.5665, 48.7183



12.4715, 12.5172, 12.9194



16.8526, 8.8224, 0.8147



1.0340, 0.5672, 0.0550

Inverse Universe

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



54.1198, 62.1632, 74.1124



75.7583, 88.7071, 107.7370



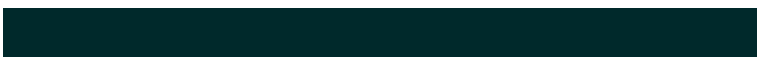
49.3959, 52.7153, 72.5377



12.7378, 13.9989, 15.9682



20.3446, 28.9510, 42.9690



1.2434, 1.7789, 2.5971

Previews

White Background



This preview shows how the XYZ color 51.7789, 49.1384, 47.3130 looks on a white background.

Color Contrast Check

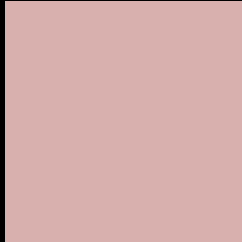
Large Text (above 18pt) WCAG AA × Fail

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 51.7789, 49.1384, 47.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

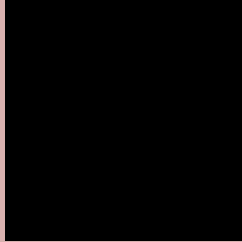
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7789, 49.1384, 47.3130

Background



This preview shows how black text looks on a background with the XYZ color 51.7789, 49.1384, 47.3130.



This preview shows how white text looks on a background with the XYZ color 51.7789, 49.1384,

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

51.7789, 49.1384, 47.3130

Protanopia

47.2830, 49.4895, 50.2404

Deuteranopia

50.2557, 49.2538, 46.9026



Tritanopia

53.4287, 49.2395, 54.8323

Trichromacy



Original Color

51.7789, 49.1384, 47.3130

Protanomaly

48.7888, 49.3607, 49.0756

Deuteranomaly

50.9115, 49.2932, 46.8756

Tritanomaly

52.7923, 49.2631, 52.0737

Monochromacy



Original Color

51.7789, 49.1384, 47.3130

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.9764, 49.7056, 51.8126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7789, 49.1384, 47.3130 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(216, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(216, 177, 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(216, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 177, 175) }
```

Border

The CSS property to change the border of an element to XYZ 51.7789, 49.1384, 47.3130 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(216, 177, 175) }
```


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

```
.border{ border-color:rgb(216, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(216, 177,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7789, 49.1384, 47.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 177, 175) }
```

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

```
.background{ background-color: rgb(216,  
177, 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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