

Converting Colors

XYZ(47.9936, 47.6538, 48.3118)

Have a look what the booklet for
XYZ(47.9936, 47.6538, 48.3118)
contains.

XYZ(48.1433, 47.8320, 48.2901)	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(48.1433, 47.8320,
48.2901)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B3B1
RGB	201, 179, 177
RGB Percent	79%, 70%, 69%
CMY	0.2118, 0.2980, 0.3059
CMYK	0.00, 0.11, 0.12, 0.21
HSL	5°, 18%, 74%
HSV	5°, 12%, 79%
XYZ	48.1433, 47.8320, 48.2901
YIQ	185.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

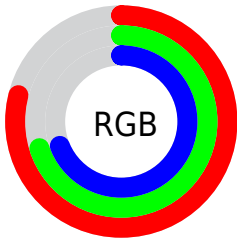
Format	Color
R_{YB}	201, 179, 177
Decimal	13218737
CIE Lab	74.72, 7.54, 3.89
CIE LCh	75, 8.483, 27.300
Yxy	47.8320, 0.3337, 0.3316
Android (android.graphics.Color)	4291408817 (0xFFC9B3B1)
YUV	185.3500, -4.1165, 13.7251
Hunter-Lab	69.1607, 3.2241, 7.0144

Details

The XYZ color **48.1433, 47.8320, 48.2901** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0973, 54.4100, 63.1733**, and the grayscale version is **46.3269, 48.7395, 53.0773**.

A 20% lighter version of the original color is **85.6563, 86.5599, 89.2839**, and **23.1316, 22.5800, 22.2080** is the 20% darker color. If you saturate the color by 10%, you get **42.8370, 40.1927, 37.3543**, and if you desaturate by 10%, it is **54.2406, 56.5802, 60.9466**.

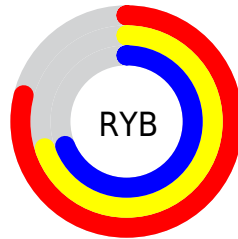
Distribution



Red (79%)

Green (70%)

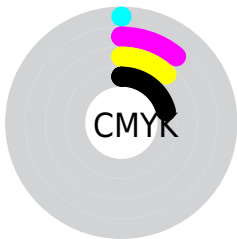
Blue (69%)



Red (79%)

Yellow (70%)

Blue (69%)

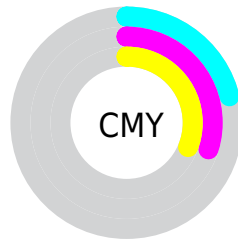


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (21%)



Cyan (21%)


Magenta (30%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1433, 47.8320, 48.2901 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 48.1433, 47.8320, 48.2901 by changing the saturation by 10% instead.


 48.1433, 47.8320,
48.2901

 48.1433, 47.8320,
48.2901


369.9330,
378.1258, 396.4827

 34.1521, 33.6939,
33.6951


 86.6261, 86.9542,
89.0062

 23.1739, 22.6585,
22.3840

111.8485,
112.7071, 115.9644

 14.8434, 14.3416,
13.9383


141.5453,
143.1003, 147.8806

 8.7951, 8.3586,
7.9395

176.0818,
178.5183, 185.1736

 4.6638, 4.3253,
3.9690

215.8235,
219.3455, 228.2617

 2.0841, 1.8571,
1.6084

261.1357,

 0.6806, 0.5224,

265.9662, 277.5636

0.2968

312.3837,
318.7648, 333.4977

■ 0.0000, 0.0000,
0.0000

■ 48.1433, 47.8320,
48.2901

■ 48.1433, 47.8320,
48.2901

■ 42.8370, 40.1927,
37.3543

■ 54.2406, 56.5802,
60.9466

■ 38.2856, 33.6118,
28.0621

■ 61.1555, 66.4724,
75.3904

■ 34.4558, 28.0447,
20.3348

■ 68.9179, 77.5500,
91.6883

■ 31.3105, 23.4409,
14.0863

■ 77.1662, 89.6949,
107.8535

■ 28.8092, 19.7456,
9.2220

■ 77.8976, 91.1576,
108.0973

■ 26.9070, 16.8986,
5.6366

■ 25.5534, 14.8323,
3.2094

■ 24.6892, 13.4687,
1.7966

■ 24.2847, 12.8117,
1.1930

Harmonies

Analogous

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



48.4831, 47.8320, 52.4812



48.1433, 47.8320, 48.2901



47.0803, 47.8320, 45.2703

Triad

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



48.1433, 47.8320, 48.2901



43.0181, 47.8320, 47.6356



45.3236, 47.8320, 61.0127

Complementary

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



48.1433, 47.8320, 48.2901



49.0973, 54.4100, 63.1733

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.



43.8830, 47.8320, 59.5425



48.1433, 47.8320, 48.2901



42.5708, 47.8320, 51.6827

Square

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



48.1433, 47.8320, 48.2901



44.1192, 47.8320, 44.9076



42.8838, 47.8320, 56.0651



46.8336, 47.8320, 59.9801

Rectangle

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



48.1433, 47.8320, 48.2901



46.1165, 47.8320, 44.2437



42.8838, 47.8320, 56.0651



44.8154, 47.8320, 60.7930

Sweetspot

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



48.1446, 47.8341, 48.2911



90.5408, 93.5401, 99.5092



50.1189, 47.9860, 60.6540



19.2034, 19.7691, 20.9331



0.0000, 0.0000, 0.0000



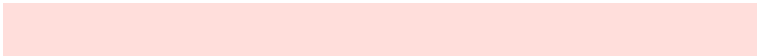
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.1446, 47.8341, 48.2911



80.2615, 78.7818, 78.2013



50.6546, 52.8541, 49.1278



10.7039, 10.7769, 11.0787



15.2973, 8.1117, 0.7595



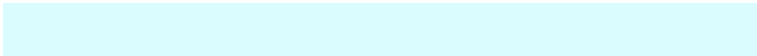
0.7495, 0.4344, 0.0443

Inverse Universe

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



49.0973, 54.4100, 63.1733



82.1704, 91.9599, 108.0269



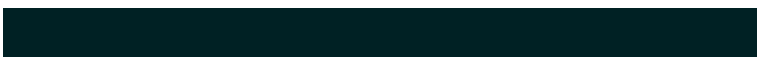
46.4451, 49.1055, 62.2892



10.8681, 11.9102, 13.6436



17.4677, 24.3293, 38.5197



0.8500, 1.1978, 1.8315

Previews

White Background



This preview shows how the XYZ color 48.1433, 47.8320, 48.2901 looks on a white background.

Color Contrast Check

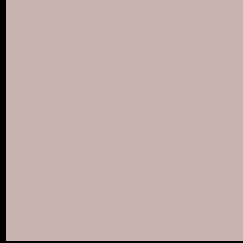
Large Text (above 18pt) WCAG AA × Fail

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 48.1433, 47.8320, 48.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

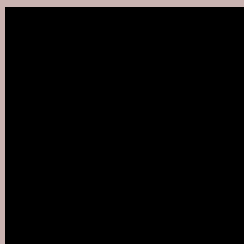
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1433, 47.8320, 48.2901

Background



This preview shows how black text looks on a background with the XYZ color 48.1433, 47.8320, 48.2901.



This preview shows how white text looks on a background with the XYZ color 48.1433, 47.8320,

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

48.1433, 47.8320, 48.2901

Protanopia

45.8092, 47.8130, 49.4623

Deuteranopia

48.7580, 47.8525, 48.2616



Tritanopia

49.7547, 47.9024, 55.9139

Trichromacy



Original Color

48.1433, 47.8320, 48.2901

Protanomaly

46.7561, 48.0077, 48.9216

Deuteranomaly

48.4848, 47.7116, 48.2488

Tritanomaly

49.1404, 47.9425, 53.1182

Monochromacy



Original Color

48.1433, 47.8320, 48.2901

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.8628, 48.3207, 51.1129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1433, 47.8320, 48.2901 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(201, 179, 177) looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 177)  
}
```

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(201, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 177) }
```

Border

The CSS property to change the border of an element to XYZ 48.1433, 47.8320, 48.2901 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(201, 179, 177) }
```


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

```
.border{ border-color:rgb(201, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1433, 47.8320, 48.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 177) }
```

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

```
.background{ background-color: rgb(201,  
179, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor