

Converting Colors

XYZ(47.3482, 47.5361, 43.6639)

Have a look what the booklet for
XYZ(47.3482, 47.5361, 43.6639)
contains.

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Color

**XYZ(47.2754, 47.4849,
43.7196)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C9B3A8 |
| RGB | 201, 179, 168 |
| RGB Percent | 79%, 70%, 66% |
| CMY | 0.2118, 0.2980, 0.3412 |
| CMYK | 0.00, 0.11, 0.16, 0.21 |
| HSL | 20°, 23%, 72% |
| HSV | 20°, 16%, 79% |
| XYZ | 47.2754, 47.4849, 43.7196 |
| YIQ | 184.3240, 16.6430, 1.2430 |

Conversions

Conversions Part 2

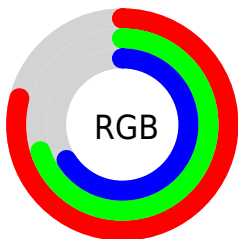
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 201, 185, 168 |
| Decimal | 13218728 |
| CIE Lab | 74.50, 6.08, 8.48 |
| CIE LCh | 74, 10.436, 54.385 |
| Yxy | 47.4849, 0.3414, 0.3429 |
| Android (android.graphics.Color) | 4291408808 (0xFFC9B3A8) |
| YUV | 184.3240, -8.0477, 14.6249 |
| Hunter-Lab | 68.9093, 1.8691, 10.6199 |

Details

The XYZ color **47.2754, 47.4849, 43.7196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1042, 49.3677, 62.4104**, and the grayscale version is **45.7769, 48.1608, 52.4471**.

A 20% lighter version of the original color is **84.2676, 86.0044, 81.9712**, and **22.6459, 22.3857, 19.6503** is the 20% darker color. If you saturate the color by 10%, you get **42.9900, 41.6825, 33.7557**, and if you desaturate by 10%, it is **52.1138, 53.9292, 55.2970**.

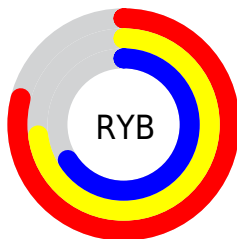
Distribution



Red (79%)

Green (70%)

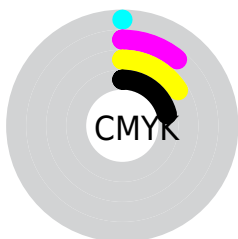
Blue (66%)



Red (79%)

Yellow (73%)

Blue (66%)

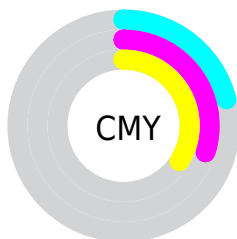


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (30%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2754, 47.4849, 43.7196 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 47.2754, 47.4849, 43.7196 by changing the saturation by 10% instead.

 47.2754, 47.4849,
43.7196


 47.2754, 47.4849,
43.7196

366.5433,
376.7467, 377.5706

 33.4623, 33.4192,
30.1146

 85.3408, 86.4370,
82.0936

 22.6417, 22.4477,
19.6728


 110.3238,
112.0921, 107.6997

 14.4484, 14.1863,
11.9757


139.7608,
142.3791, 138.1431

 8.5170, 8.2503,
6.6048

174.0172,
177.6825, 173.8426

 4.4821, 4.2555,
3.1415

213.4582,
218.3865, 215.2165

 1.9783, 1.8175,
1.1673

258.4494,

 0.6217, 0.4981,

264.8756, 262.6834

0.0000

309.3560,
317.5342, 316.6620

■ 0.0000, 0.0000,
0.0000

■ 47.2754, 47.4849,
43.7196

■ 47.2754, 47.4849,
43.7196

■ 42.9900, 41.6825,
33.7557

■ 52.1138, 53.9292,
55.2970

■ 39.2331, 36.4955,
25.3301

■ 57.5208, 61.0281,
68.5525

■ 35.9839, 31.9048,
18.3658

■ 63.5163, 68.8022,
83.5509

■ 33.2187, 27.8880,
12.7782

■ 70.1178, 77.2690,
100.3528

■ 30.9118, 24.4209,
8.4738

■ 75.0913, 85.5451,
107.1619

■ 29.0346, 21.4778,
5.3473

■ 77.8976, 91.1576,
108.0973

■ 27.5549, 19.0301,
3.2761

■ 26.4330, 17.0454,
2.1037

■ 26.0962, 16.4348,
1.7968

Harmonies

Analogous

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



48.5132, 47.4849, 47.5370



47.2754, 47.4849, 43.7196



45.4883, 47.4849, 42.0506

Triad

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



47.2754, 47.4849, 43.7196



41.6232, 47.4849, 50.6946



46.6451, 47.4849, 61.7388

Complementary

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



47.2754, 47.4849, 43.7196



45.1042, 49.3677, 62.4104

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.



44.7795, 47.4849, 62.7297



47.2754, 47.4849, 43.7196



41.9135, 47.4849, 56.1055

Square

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



47.2754, 47.4849, 43.7196



42.2518, 47.4849, 45.8941



43.0563, 47.4849, 60.6035



48.1423, 47.4849, 57.9825

Rectangle

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



47.2754, 47.4849, 43.7196



44.2390, 47.4849, 42.2911



43.0563, 47.4849, 60.6035



46.0389, 47.4849, 62.4169

Sweetspot

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



47.2767, 47.4870, 43.7206



90.4131, 93.9029, 97.5612



47.3848, 44.1411, 54.7383



19.2170, 19.9207, 20.5538



0.0000, 0.0000, 0.0000



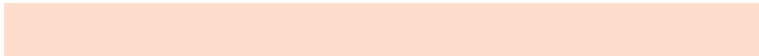
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2767, 47.4870, 43.7206



77.9971, 77.3357, 67.9431



50.7831, 54.4998, 44.8894



10.9180, 11.2052, 11.1501



16.4840, 10.4852, 1.1550



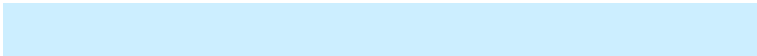
0.8474, 0.6303, 0.0770

Inverse Universe

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



45.1042, 49.3677, 62.4104



73.5246, 81.2029, 106.4063



41.7313, 42.6218, 61.2861



10.6373, 11.4486, 13.5666



12.0741, 13.5420, 36.7219



0.6363, 0.7704, 1.7603

Previews

White Background



This preview shows how the XYZ color 47.2754, 47.4849, 43.7196 looks on a white background.

Color Contrast Check

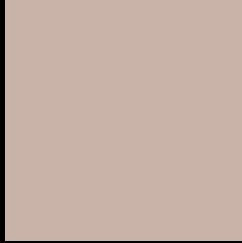
Large Text (above 18pt) WCAG AA × Fail

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 47.2754, 47.4849, 43.7196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

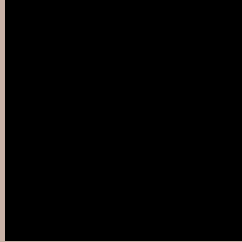
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2754, 47.4849, 43.7196

Background



This preview shows how black text looks on a background with the XYZ color 47.2754, 47.4849, 43.7196.



This preview shows how white text looks on a background with the XYZ color 47.2754, 47.4849,

43.7196.

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

47.2754, 47.4849, 43.7196

Protanopia

45.4244, 47.7164, 44.8463

Deuteranopia

48.5222, 47.5368, 43.6639



Tritanopia

49.7214, 47.6057, 55.2834

Trichromacy



Original Color

47.2754, 47.4849, 43.7196

Protanomaly

46.1375, 47.7898, 44.3288

Deuteranomaly

48.1651, 47.6471, 43.7040

Tritanomaly

48.7942, 47.5182, 50.8562

Monochromacy



Original Color

47.2754, 47.4849, 43.7196

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9990, 47.6174, 48.8861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2754, 47.4849, 43.7196 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 168) }
```

Border

The CSS property to change the border of an element to XYZ 47.2754, 47.4849, 43.7196 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, 168) }
```


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

```
.border{ border-color:rgb(201, 179, 168) }
```

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, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2754, 47.4849, 43.7196 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, 168) }
```

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

```
.background{ background-color: rgb(201,  
179, 168) }
```

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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