

Converting Colors

XYZ(47.3315, 48.7490, 43.8897)

Have a look what the booklet for
XYZ(47.3315, 48.7490, 43.8897)
contains.

XYZ(47.2901, 48.6999, 43.9534)	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(47.2901, 48.6999,
43.9534)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B7A8
RGB	198, 183, 168
RGB Percent	78%, 72%, 66%
CMY	0.2235, 0.2823, 0.3412
CMYK	0.00, 0.08, 0.15, 0.22
HSL	30°, 21%, 72%
HSV	30°, 15%, 78%
XYZ	47.2901, 48.6999, 43.9534
YIQ	185.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

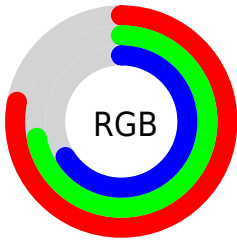
Format	Color
RYB	198, 198, 168
Decimal	13023144
CIELab	75.26, 2.82, 9.54
CIELCh	75, 9.949, 73.539
Yxy	48.6999, 0.3379, 0.3480
Android (android.graphics.Color)	4291213224 (0xFFC6B7A8)
YUV	185.7750, -8.7631, 10.7213
Hunter-Lab	69.7853, -1.1636, 11.5067

Details

The XYZ color **47.2901, 48.6999, 43.9534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2749, 46.2682, 60.0764**, and the grayscale version is **46.5894, 49.0157, 53.3781**.

A 20% lighter version of the original color is **85.4258, 88.3207, 82.3572**, and **22.6366, 23.1555, 19.7994** is the 20% darker color. If you saturate the color by 10%, you get **43.6143, 44.0787, 34.3100**, and if you desaturate by 10%, it is **51.3930, 53.7250, 55.1261**.

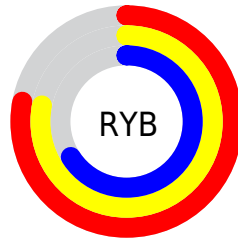
Distribution



Red (78%)

Green (72%)

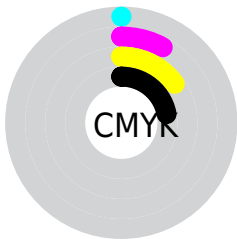
Blue (66%)



Red (78%)

Yellow (78%)

Blue (66%)

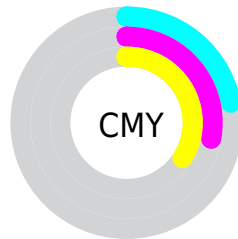


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2901, 48.6999, 43.9534 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 47.2901, 48.6999, 43.9534 by changing the saturation by 10% instead.


 47.2901, 48.6999,
43.9534


 47.2901, 48.6999,
43.9534


366.6009,
381.5597, 378.5539

 33.4740, 34.3815,
30.2970

 85.3626, 88.2456,
82.4493

 22.6507, 23.1868,
19.8101


 110.3497,
114.2416, 108.1259

 14.4551, 14.7315,
12.0744


139.7911,
144.8990, 138.6463

 8.5217, 8.6312,
6.6712

174.0522,
180.6021, 174.4290

 4.4851, 4.5014,
3.1820

213.4984,
221.7353, 215.8925

 1.9801, 1.9578,
1.1883

258.4950,

 0.6227, 0.5828,

268.6831, 263.4555

0.0000

309.4074,
321.8297, 317.5364

■ 0.0000, 0.0000,
0.0000

■ 47.2901, 48.6999,
43.9534

■ 47.2901, 48.6999,
43.9534

■ 43.6143, 44.0787,
34.3100

■ 51.3930, 53.7250,
55.1261

■ 40.3461, 39.8439,
26.1250

■ 55.9338, 59.1578,
67.8884

■ 37.4702, 35.9862,
19.3269

■ 60.9278, 65.0106,
82.3012

■ 34.9686, 32.4934,
13.8363

■ 66.3882, 71.2930,
98.4210

■ 32.8216, 29.3525,
9.5661

■ 70.3344, 77.2169,
105.8051

■ 31.0076, 26.5494,
6.4183

■ 73.2073, 82.9627,
106.7627

■ 29.5017, 24.0685,
4.2794

■ 76.2398, 89.0276,
107.7735

■ 28.2742, 21.8922,
3.0111

■ 77.0989, 90.7459,
108.0599

■ 27.7531, 20.9343,
2.5780

Harmonies

Analogous

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



48.8806, 48.6999, 46.3950



47.2901, 48.6999, 43.9534



45.4705, 48.6999, 43.8363

Triad

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



47.2901, 48.6999, 43.9534



42.9568, 48.6999, 55.4155



48.7493, 48.6999, 60.6562

Complementary

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



47.2901, 48.6999, 43.9534



43.2749, 46.2682, 60.0764

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.



47.1148, 48.6999, 63.4176



47.2901, 48.6999, 43.9534



43.7884, 48.6999, 60.2603

Square

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



47.2901, 48.6999, 43.9534



43.0009, 48.6999, 50.2266



45.2998, 48.6999, 63.2681



49.7381, 48.6999, 55.9273

Rectangle

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



47.2901, 48.6999, 43.9534



44.3745, 48.6999, 45.0766



45.2998, 48.6999, 63.2681



48.2554, 48.6999, 61.8588

Sweetspot

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



47.2914, 48.7021, 43.9544



91.0650, 95.2066, 97.7785



45.8392, 43.4306, 50.7673



19.3752, 20.2372, 20.6066



0.0000, 0.0000, 0.0000



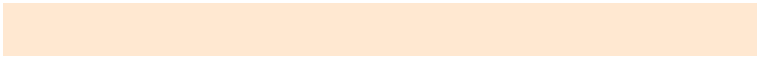
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2914, 48.7021, 43.9544



81.6333, 83.6130, 72.2229



50.5512, 55.2216, 45.0410



11.0648, 11.4987, 11.1990



18.1340, 13.7851, 1.7050



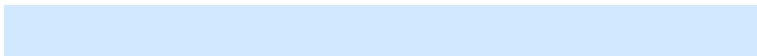
0.9311, 0.7976, 0.1049

Inverse Universe

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



43.2749, 46.2682, 60.0764



73.2419, 78.5281, 105.9049



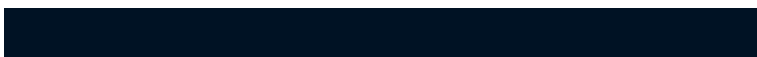
40.3448, 40.4081, 59.0997



10.4874, 11.1488, 13.5167



9.6145, 8.6229, 35.9020



0.5277, 0.5532, 1.7241

Previews

White Background



This preview shows how the XYZ color 47.2901, 48.6999, 43.9534 looks on a white background.

Color Contrast Check

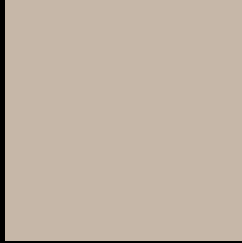
Large Text (above 18pt) WCAG AA × Fail

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 47.2901, 48.6999, 43.9534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

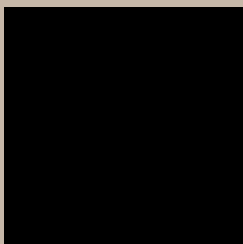
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

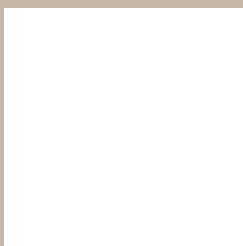
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2901, 48.6999, 43.9534

Background



This preview shows how black text looks on a background with the XYZ color 47.2901, 48.6999, 43.9534.



This preview shows how white text looks on a background with the XYZ color 47.2901, 48.6999,

43.9534.

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

47.2901, 48.6999, 43.9534

Protanopia

46.5027, 48.9000, 44.5238

Deuteranopia

49.5760, 48.6601, 44.3155



Tritanopia

49.8331, 48.5080, 57.1886

Trichromacy



Original Color

47.2901, 48.6999, 43.9534

Protanomaly

46.8076, 48.7477, 44.4783

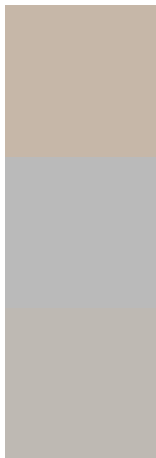
Deuteranomaly

48.6595, 48.4862, 44.3303

Tritanomaly

48.7924, 48.3826, 52.1145

Monochromacy



Original Color

47.2901, 48.6999, 43.9534

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7208, 48.8997, 49.6240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2901, 48.6999, 43.9534 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(198, 183, 168)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 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(198, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 168) }
```

Border

The CSS property to change the border of an element to XYZ 47.2901, 48.6999, 43.9534 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(198, 183, 168) }
```


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

```
.border{ border-color:rgb(198, 183, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 168);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2901, 48.6999, 43.9534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 168) }
```

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

```
.background{ background-color: rgb(198,  
183, 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](#).

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