

Converting Colors

XYZ(43.4917, 48.9015, 34.5000)

Have a look what the booklet for
XYZ(43.4917, 48.9015, 34.5000)
contains.

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Color

**XYZ(43.3935, 48.7848,
34.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BD92
RGB	185, 189, 146
RGB Percent	73%, 74%, 57%
CMY	0.2745, 0.2588, 0.4274
CMYK	0.02, 0.00, 0.23, 0.26
HSL	66°, 25%, 66%
HSV	66°, 23%, 74%
XYZ	43.3935, 48.7848, 34.3235
YIQ	182.9020, 11.4190, -14.2210

Conversions

Conversions Part 2

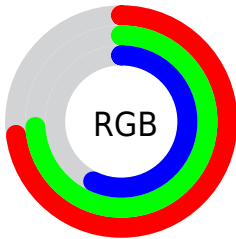
Format	Color
RYB	146, 189, 150
Decimal	12172690
CIELab	75.32, -8.60, 21.33
CIELCh	75, 22.999, 111.971
Yxy	48.7848, 0.3430, 0.3856
Android (android.graphics.Color)	4290362770 (0xFFB9BD92)
YUV	182.9020, -18.1927, 1.8399
Hunter-Lab	69.8461, -11.3335, 19.7562

Details

The XYZ color **43.3935, 48.7848, 34.3235** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.0438, 30.7173, 52.3870**, and the grayscale version is **45.0493, 47.3954, 51.6135**.

A 20% lighter version of the original color is **79.3534, 88.1757, 67.4808**, and **20.3854, 23.3401, 14.2571** is the 20% darker color. If you saturate the color by 10%, you get **41.6217, 48.0290, 27.1901**, and if you desaturate by 10%, it is **45.4162, 49.6449, 42.7394**.

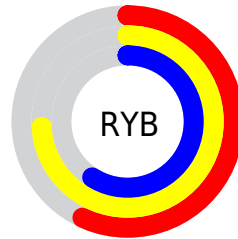
Distribution



Red (73%)

Green (74%)

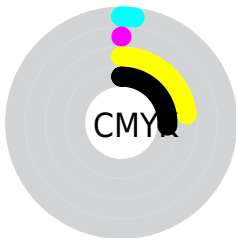
Blue (57%)



Red (57%)

Yellow (74%)

Blue (59%)

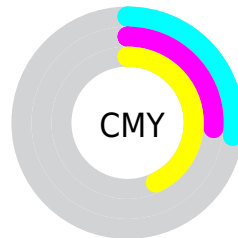


Cyan (2%)

Magenta (0%)

Yellow (23%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3935, 48.7848, 34.3235 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 43.3935, 48.7848, 34.3235 by changing the saturation by 10% instead.

■ 43.3935, 48.7848,
34.3235

■ 43.3935, 48.7848,
34.3235

351.1217,
381.8945, 336.3852

■ 30.3898, 34.4488,
22.8629

■ 79.5563, 88.3718,
67.5761

■ 20.2842, 23.2386,
14.2879

■ 103.4462,
114.3915, 90.2051

■ 12.7113, 14.7698,
8.1802

131.6956,
145.0746, 117.3939

■ 7.3057, 8.6580,
4.1210

164.6698,
180.8055, 149.5612

■ 3.7020, 4.5188,
1.6920

202.7341,
221.9685, 187.1254

■ 1.5350, 1.9678,
0.3552

246.2540,

■ 0.3494, 0.5887,

268.9481, 230.5051

0.0000

295.5947,
322.1286, 280.1189

■ 0.0000, 0.0000,
0.0000

■ 43.3935, 48.7848,
34.3235

■ 43.3935, 48.7848,
34.3235

■ 41.6217, 48.0290,
27.1901

■ 45.4162, 49.6449,
42.7394

■ 40.0851, 47.3662,
21.2733

■ 47.6972, 50.6072,
52.4933

■ 38.7719, 46.7934,
16.5060


■ 50.2481, 51.6782,
63.6412


■ 37.6679, 46.3048,
12.8132


■ 53.0788, 52.8617,
76.2348


■ 36.7572, 45.8942,
10.1112


■ 56.1987, 54.1614,
90.3235


 36.0215, 45.5542,
8.3039


 58.8993, 55.2941,
102.1762

 35.4390, 45.2760,
7.2761

 59.3585, 55.5308,
102.1977

 35.0817, 45.1008,
6.8563

 59.8230, 55.7703,
102.2195

 60.2930, 56.0126,
102.2415

Harmonies

Analogous

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



47.5130, 48.7848, 33.2420



43.3935, 48.7848, 34.3235



40.2563, 48.7848, 40.0297

Triad

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



43.3935, 48.7848, 34.3235



41.5393, 48.7848, 73.6450



54.8914, 48.7848, 56.4364

Complementary

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



43.3935, 48.7848, 34.3235



32.0438, 30.7173, 52.3870

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.



53.0700, 48.7848, 68.7880



43.3935, 48.7848, 34.3235



45.2425, 48.7848, 79.6626

Square

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



43.3935, 48.7848, 34.3235



39.2319, 48.7848, 62.3122



49.4764, 48.7848, 77.7618



54.3219, 48.7848, 44.8765

Rectangle

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



43.3935, 48.7848, 34.3235



39.0611, 48.7848, 46.2348



49.4764, 48.7848, 77.7618



54.5347, 48.7848, 60.6533

Sweetspot

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



43.3948, 48.7870, 34.3245



83.5816, 89.8577, 86.0935



37.0162, 34.5754, 31.9176



17.9211, 19.3013, 18.2883



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.3948, 48.7870, 34.3245



76.1757, 86.7156, 55.2139



38.6803, 46.3566, 34.1039



10.2323, 11.0742, 10.1749



23.6372, 30.3613, 4.6145



0.9517, 1.2026, 0.1820

Inverse Universe

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



32.0438, 30.7173, 52.3870



52.4852, 48.9987, 92.9176



36.2785, 32.9003, 52.5851



9.0967, 9.2667, 11.9814



6.3727, 2.5713, 32.5533



0.2777, 0.1152, 1.2765

Previews

White Background



This preview shows how the XYZ color 43.3935, 48.7848, 34.3235 looks on a white background.

Color Contrast Check

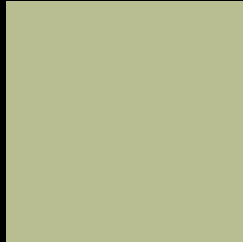
Large Text (above 18pt) WCAG AA × Fail

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 43.3935, 48.7848, 34.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

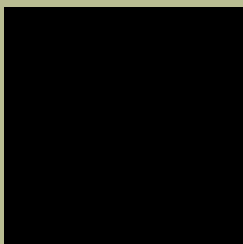
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

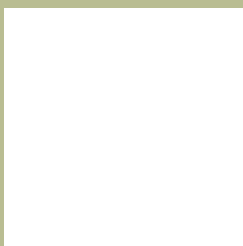
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3935, 48.7848, 34.3235

Background



This preview shows how black text looks on a background with the XYZ color 43.3935, 48.7848, 34.3235.



This preview shows how white text looks on a background with the XYZ color 43.3935, 48.7848,

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

43.3935, 48.7848, 34.3235

Protanopia

45.6717, 48.7173, 33.3818

Deuteranopia

49.5846, 48.5778, 34.7800



Tritanopia

48.5442, 48.6936, 59.6636

Trichromacy



Original Color

43.3935, 48.7848, 34.3235

Protanomaly

44.6621, 48.4996, 33.7955

Deuteranomaly

47.1712, 48.5416, 34.4870

Tritanomaly

46.3711, 48.7311, 49.0815

Monochromacy



Original Color

43.3935, 48.7848, 34.3235

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.3718, 47.7906, 44.9161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3935, 48.7848, 34.3235 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(185, 189, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 189, 146)  
}
```

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(185, 189, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 189, 146) }
```

Border

The CSS property to change the border of an element to XYZ 43.3935, 48.7848, 34.3235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

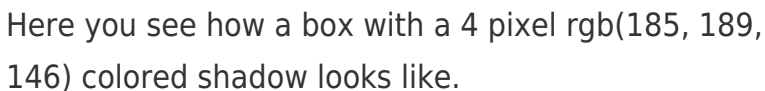
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 189, 146) }
```


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

```
.border{ border-color:rgb(185, 189, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 189, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 189, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 189, 146);  
box-shadow:4px 4px 4px 4px rgb(185, 189,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3935, 48.7848, 34.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 189, 146) }
```

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

```
.background{ background-color: rgb(185,  
189, 146) }
```

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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