

Converting Colors

XYZ(43.7055, 48.8044, 36.3778)

Have a look what the booklet for
XYZ(43.7055, 48.8044, 36.3778)
contains.

XYZ(43.7911, 48.9438, 36.4172)	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(43.7911, 48.9438,
36.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BD97
RGB	185, 189, 151
RGB Percent	73%, 74%, 59%
CMY	0.2745, 0.2588, 0.4078
CMYK	0.02, 0.00, 0.20, 0.26
HSL	66°, 22%, 67%
HSV	66°, 20%, 74%
XYZ	43.7911, 48.9438, 36.4172
YIQ	183.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

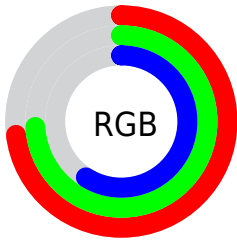
Format	Color
R _{YB}	151, 189, 155
Decimal	12172695
CIE Lab	75.42, -7.86, 18.79
CIE LCh	75, 20.364, 112.703
Yxy	48.9438, 0.3391, 0.3790
Android (android.graphics.Color)	4290362775 (0xFFB9BD97)
YUV	183.4720, -16.0087, 1.3401
Hunter-Lab	69.9598, -10.6983, 18.1088

Details

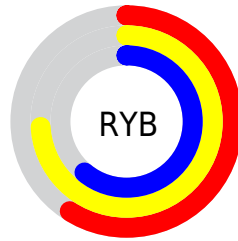
The XYZ color **43.7911, 48.9438, 36.4172** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7713, 32.7772, 52.6934**, and the grayscale version is **45.3516, 47.7134, 51.9599**.

A 20% lighter version of the original color is **79.9475, 88.4134, 70.6094**, and **20.6201, 23.4340, 15.4930** is the 20% darker color. If you saturate the color by 10%, you get **41.9010, 48.1343, 28.9485**, and if you desaturate by 10%, it is **45.9366, 49.8595, 45.1844**.

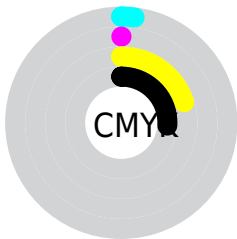
Distribution



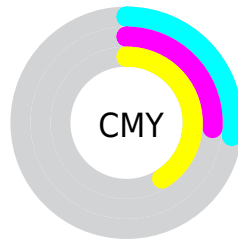
- Red (73%)
- Green (74%)
- Blue (59%)



- Red (59%)
- Yellow (74%)
- Blue (61%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7911, 48.9438, 36.4172 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 43.7911, 48.9438, 36.4172 by changing the saturation by 10% instead.

■ 43.7911, 48.9438,
36.4172

■ 43.7911, 48.9438,
36.4172

352.7218,
382.5210, 345.8728

■ 30.7035, 34.5749,
24.4643

■ 80.1516, 88.6080,
70.8518

■ 20.5239, 23.3356,
15.4630

■ 104.1552,
114.6720, 94.1706

■ 12.8869, 14.8415,
8.9948

132.5283,
145.4033, 122.1152

■ 7.4272, 8.7082,
4.6410

165.6360,
181.1861, 155.1040

■ 3.7794, 4.5514,
1.9832

203.8439,
222.4049, 193.5556

■ 1.5781, 1.9865,
0.5449

247.5173,

■ 0.3781, 0.5996,

269.4441, 237.8886

0.0000

297.0214,
322.6880, 288.5215

■ 0.0000, 0.0000,
0.0000

■ 43.7911, 48.9438,
36.4172

■ 43.7911, 48.9438,
36.4172

■ 41.9010, 48.1343,
28.9485

■ 45.9366, 49.8595,
45.1844

■ 40.2508, 47.4199,
22.7136

■ 48.3446, 50.8794,
55.3045

■ 38.8291, 46.7976,
17.6468

■ 51.0267, 52.0097,
66.8326

■ 37.6219, 46.2619,
13.6751

■ 53.9926, 53.2543,
79.8198

■ 36.6138, 45.8067,
10.7175

■ 57.2517, 54.6170,
94.3147

■ 35.7873, 45.4248,
8.6816

■ 59.2611, 55.4805,
102.1932

■ 35.1216, 45.1080,
7.4583

■ 59.7858, 55.7510,
102.2177

■ 34.5804, 44.8423,
6.8329

■ 60.3175, 56.0251,
102.2426

■ 60.8560, 56.3028,
102.2678

Harmonies

Analogous

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



47.4417, 48.9438, 35.3166



43.7911, 48.9438, 36.4172



41.0148, 48.9438, 41.7296

Triad

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



43.7911, 48.9438, 36.4172



42.2847, 48.9438, 71.4699



54.0466, 48.9438, 55.9582

Complementary

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



43.7911, 48.9438, 36.4172



33.7713, 32.7772, 52.6934

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.



52.4962, 48.9438, 66.8131



43.7911, 48.9438, 36.4172



45.6096, 48.9438, 76.5177

Square

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



43.7911, 48.9438, 36.4172



40.1783, 48.9438, 61.6678



49.3592, 48.9438, 74.7081



53.4954, 48.9438, 45.7102

Rectangle

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



43.7911, 48.9438, 36.4172



39.9676, 48.9438, 47.3830



49.3592, 48.9438, 74.7081



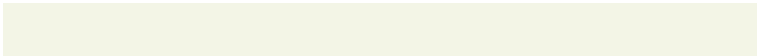
53.7512, 48.9438, 59.6718

Sweetspot

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



43.7924, 48.9460, 36.4182



83.9400, 90.0030, 87.8936



38.2619, 36.4306, 34.2940



17.9915, 19.3296, 18.6522



90.7827, 95.5105, 104.0109



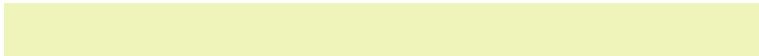
18.6292, 19.5994, 21.3438

Same Dimension

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



43.7924, 48.9460, 36.4182



76.9251, 87.0140, 59.2221



39.5531, 46.7605, 36.2198



10.2205, 11.0681, 10.1743



23.3039, 30.1895, 4.5989



0.9416, 1.1974, 0.1815

Inverse Universe

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



33.7713, 32.7772, 52.6934



55.8185, 52.9560, 93.5058



37.6645, 34.7842, 52.8756



9.1073, 9.2722, 11.9819



6.4052, 2.5881, 32.5549



0.2824, 0.1176, 1.2767

Previews

White Background



This preview shows how the XYZ color 43.7911, 48.9438, 36.4172 looks on a white background.

Color Contrast Check

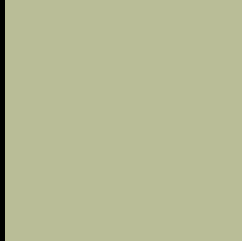
Large Text (above 18pt) WCAG AA × Fail

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 43.7911, 48.9438, 36.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

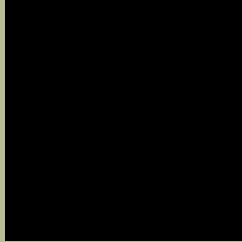
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7911, 48.9438, 36.4172

Background



This preview shows how black text looks on a background with the XYZ color 43.7911, 48.9438, 36.4172.



This preview shows how white text looks on a background with the XYZ color 43.7911, 48.9438,

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

43.7911, 48.9438, 36.4172

Protanopia

45.7997, 48.7382, 35.4273

Deuteranopia

49.6945, 48.5878, 36.8962



Tritanopia

48.4974, 48.9746, 59.7203

Trichromacy



Original Color

43.7911, 48.9438, 36.4172

Protanomaly

45.0562, 48.6573, 35.8712

Deuteranomaly

47.2973, 48.5603, 36.5860

Tritanomaly

46.5734, 48.8120, 50.1470

Monochromacy



Original Color

43.7911, 48.9438, 36.4172

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4668, 47.8285, 45.4163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7911, 48.9438, 36.4172 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 189, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 189, 151) }
```

Border

The CSS property to change the border of an element to XYZ 43.7911, 48.9438, 36.4172 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, 151) }
```


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

```
.border{ border-color:rgb(185, 189, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 189, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 189, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 189,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7911, 48.9438, 36.4172 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, 151) }
```

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

```
.background{ background-color: rgb(185,  
189, 151) }
```

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