

Converting Colors

XYZ(42.8950, 48.0953, 36.0466)

Have a look what the booklet for
XYZ(42.8950, 48.0953, 36.0466)
contains.

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Color

**XYZ(43.0167, 48.2357,
35.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BC96
RGB	183, 188, 150
RGB Percent	72%, 74%, 59%
CMY	0.2824, 0.2627, 0.4118
CMYK	0.03, 0.00, 0.20, 0.26
HSL	68°, 22%, 66%
HSV	68°, 20%, 74%
XYZ	43.0167, 48.2357, 35.8974
YIQ	182.1730, 9.2180, -12.8780

Conversions

Conversions Part 2

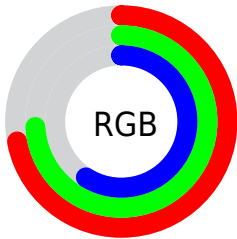
Format	Color
RYB	150, 188, 155
Decimal	12041366
CIELab	74.97, -8.24, 18.69
CIELCh	75, 20.422, 113.796
Yxy	48.2357, 0.3383, 0.3794
Android (android.graphics.Color)	4290231446 (0xFFB7BC96)
YUV	182.1730, -15.8613, 0.7253
Hunter-Lab	69.4519, -10.9827, 17.9713

Details

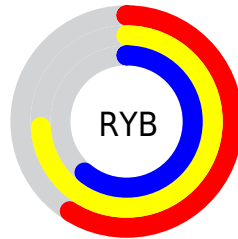
The XYZ color **43.0167, 48.2357, 35.8974** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.5029, 32.4134, 52.0702**, and the grayscale version is **44.6389, 46.9636, 51.1434**.

A 20% lighter version of the original color is **78.8464, 87.4117, 69.8432**, and **20.1220, 22.9746, 15.1784** is the 20% darker color. If you saturate the color by 10%, you get **41.0395, 47.3790, 28.5264**, and if you desaturate by 10%, it is **45.2497, 49.1992, 44.5503**.

Distribution



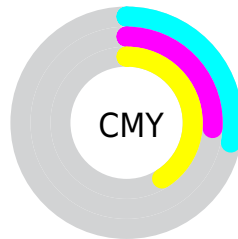
- Red (72%)
- Green (74%)
- Blue (59%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)





- Cyan (28%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0167, 48.2357, 35.8974 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 43.0167, 48.2357, 35.8974 by changing the saturation by 10% instead.


 43.0167, 48.2357,
35.8974


 43.0167, 48.2357,
35.8974


349.6008,
379.7256, 343.5357

 30.0928, 34.0136,
24.0659


 78.9916, 87.5552,
70.0409

 20.0575, 22.9040,
15.1699


 102.7733,
113.4214, 93.1901

 12.5453, 14.5227,
8.7907


130.9050,
143.9378, 120.9488

 7.1910, 8.4851,
4.5100

163.7521,
179.4887, 153.7357

 3.6293, 4.4069,
1.9091

201.6798,
220.4585, 191.9693

 1.4946, 1.9037,
0.4985

245.0536,

 0.3222, 0.5506,

267.2317, 236.0681

0.0000

294.2388,
320.1926, 286.4508

■ 0.0000, 0.0000,
0.0000

■ 43.0167, 48.2357,
35.8974

■ 43.0167, 48.2357,
35.8974

■ 41.0395, 47.3790,
28.5264

■ 45.2497, 49.1992,
44.5503

■ 39.3027, 46.6181,
22.3732

■ 47.7456, 50.2674,
54.5388

■ 37.7951, 45.9499,
17.3731

■ 50.5159, 51.4465,
65.9173

■ 36.5028, 45.3692,
13.4540

■ 53.5701, 52.7404,
78.7363

■ 35.4106, 44.8696,
10.5357

■ 56.9174, 54.1528,
93.0438

■ 34.5012, 44.4443,
8.5269

■ 59.2843, 55.1743,
102.1328

■ 33.7540, 44.0850,
7.3197

■ 59.9416, 55.5131,
102.1636

■ 33.1397, 43.7813,
6.7040

■ 60.6096, 55.8575,
102.1948

■ 61.2884, 56.2074,
102.2266

Harmonies

Analogous

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



46.6250, 48.2357, 34.6521



43.0167, 48.2357, 35.8974



40.3061, 48.2357, 41.3114

Triad

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



43.0167, 48.2357, 35.8974



41.7445, 48.2357, 70.8741



53.3427, 48.2357, 54.7687

Complementary

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



43.0167, 48.2357, 35.8974



33.5029, 32.4134, 52.0702

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.



51.8729, 48.2357, 65.5932



43.0167, 48.2357, 35.8974



45.0769, 48.2357, 75.6685

Square

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



43.0167, 48.2357, 35.8974



39.5999, 48.2357, 61.2402



48.7979, 48.2357, 73.6158



52.7180, 48.2357, 44.6704

Rectangle

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



43.0167, 48.2357, 35.8974



39.3063, 48.2357, 47.0013



48.7979, 48.2357, 73.6158



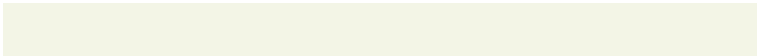
53.0748, 48.2357, 58.4556

Sweetspot

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



43.0180, 48.2378, 35.8984



83.8065, 89.9342, 87.8874



37.8729, 36.1492, 33.8363



17.9598, 19.3132, 18.6507



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.



43.0180, 48.2378, 35.8984



76.4064, 86.7466, 59.1979



38.9170, 46.1237, 35.7065



10.1953, 11.0551, 10.1731



22.6069, 29.8301, 4.5663



0.9203, 1.1864, 0.1805

Inverse Universe

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



33.5029, 32.4134, 52.0702



56.2126, 53.1592, 93.5242



37.3146, 34.3784, 52.2486



9.1302, 9.2840, 11.9830



6.4856, 2.6295, 32.5586



0.2925, 0.1228, 1.2771

Previews

White Background



This preview shows how the XYZ color 43.0167, 48.2357, 35.8974 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 43.0167, 48.2357, 35.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

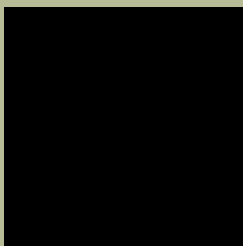
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

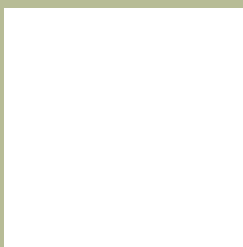
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0167, 48.2357, 35.8974

Background



This preview shows how black text looks on a background with the XYZ color 43.0167, 48.2357, 35.8974.



This preview shows how white text looks on a background with the XYZ color 43.0167, 48.2357,

35.8974.

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

43.0167, 48.2357, 35.8974

Protanopia

45.2507, 48.1549, 34.9268

Deuteranopia

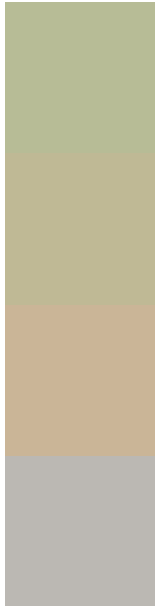
48.8302, 47.8574, 36.3695



Tritanopia

47.6780, 48.2602, 59.0268

Trichromacy



Original Color

43.0167, 48.2357, 35.8974

Protanomaly

44.2596, 47.9442, 35.3552

Deuteranomaly

46.4669, 47.8387, 36.0629

Tritanomaly

45.7707, 48.1004, 49.5198

Monochromacy



Original Color

43.0167, 48.2357, 35.8974

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6876, 47.1283, 44.8243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0167, 48.2357, 35.8974 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(183, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(183, 188, 150)  
}
```

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(183, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 188, 150) }
```

Border

The CSS property to change the border of an element to XYZ 43.0167, 48.2357, 35.8974 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(183, 188, 150) }
```


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

```
.border{ border-color:rgb(183, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 188, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 188, 150);  
box-shadow:4px 4px 4px 4px rgb(183, 188,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0167, 48.2357, 35.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 188, 150) }
```

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

```
.background{ background-color: rgb(183,  
188, 150) }
```

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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