

Converting Colors

XYZ(43.0899, 48.3444, 38.5132)

Have a look what the booklet for
XYZ(43.0899, 48.3444, 38.5132)
contains.

XYZ(43.0400, 48.1905, 38.4857)	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(43.0400, 48.1905,
38.4857)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BC9C
RGB	181, 188, 156
RGB Percent	71%, 74%, 61%
CMY	0.2902, 0.2627, 0.3882
CMYK	0.04, 0.00, 0.17, 0.26
HSL	73°, 19%, 67%
HSV	73°, 17%, 74%
XYZ	43.0400, 48.1905, 38.4857
YIQ	182.2590, 6.1000, -11.4360

Conversions

Conversions Part 2

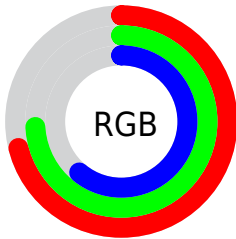
Format	Color
RYB	156, 188, 163
Decimal	11910300
CIELab	74.94, -8.05, 15.39
CIELCh	75, 17.370, 117.603
Yxy	48.1905, 0.3318, 0.3715
Android (android.graphics.Color)	4290100380 (0xFFB5BC9C)
YUV	182.2590, -12.9457, -1.1041
Hunter-Lab	69.4194, -10.8139, 15.7235

Details

The XYZ color **43.0400, 48.1905, 38.4857** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0717, 35.1956, 52.4718**, and the grayscale version is **44.6717, 46.9981, 51.1809**.

A 20% lighter version of the original color is **79.0336, 87.4090, 74.3341**, and **20.1159, 22.9371, 16.7317** is the 20% darker color. If you saturate the color by 10%, you get **40.6195, 47.1141, 30.6956**, and if you desaturate by 10%, it is **45.7380, 49.3844, 47.5770**.

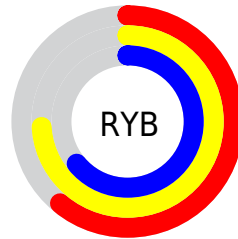
Distribution



Red (71%)

Green (74%)

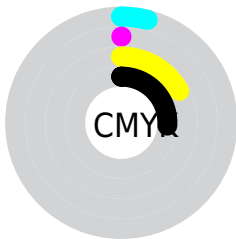
Blue (61%)



Red (61%)

Yellow (74%)

Blue (64%)

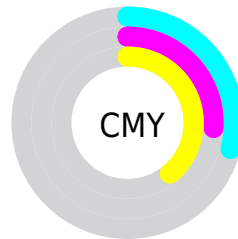


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (26%)



Cyan (29%)


Magenta (26%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0400, 48.1905, 38.4857 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 43.0400, 48.1905, 38.4857 by changing the saturation by 10% instead.


 43.0400, 48.1905,
38.4857


 43.0400, 48.1905,
38.4857


349.6950,
379.5467, 355.0594

 30.1112, 33.9778,
26.0551


 79.0266, 87.4880,
74.0636

 20.0715, 22.8765,
16.6387

 102.8150,
113.3415, 98.0481

 12.5556, 14.5024,
9.8180

130.9540,
143.8441, 126.7209

 7.1981, 8.4709,
5.1745

163.8089,
179.3801, 160.5006

 3.6337, 4.3977,
2.2895

201.7451,
220.3340, 199.8058

 1.4971, 1.8984,
0.7253

245.1279,

 0.3239, 0.5474,

267.0902, 245.0549

0.0000

294.3228,
320.0329, 296.6666

■ 0.0000, 0.0000,
0.0000

■ 43.0400, 48.1905,
38.4857

■ 43.0400, 48.1905,
38.4857

■ 40.6195, 47.1141,
30.6956

■ 45.7380, 49.3844,
47.5770

■ 38.4611, 46.1442,
24.1442

■ 48.7205, 50.6939,
58.0222

■ 36.5538, 45.2779,
18.7683

■ 51.9990, 52.1250,
69.8746

■ 34.8839, 44.5098,
14.4979

■ 55.5831, 53.6818,
83.1841

■ 33.4365, 43.8340,
11.2558

■ 59.4820, 55.3680,
97.9977

■ 32.1949, 43.2435,
8.9546

■ 61.4013, 56.2657,
102.2319

■ 31.1393, 42.7306,
7.4926

■ 62.5565, 56.8612,
102.2860

■ 30.2428, 42.2844,
6.7285

■ 63.7417, 57.4722,
102.3414

■ 29.9915, 42.1584,
6.5567

■ 64.9573, 58.0988,
102.3983

Harmonies

Analogous

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



46.0588, 48.1905, 36.9060



43.0400, 48.1905, 38.4857



40.8525, 48.1905, 43.6720

Triad

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



43.0400, 48.1905, 38.4857



42.6182, 48.1905, 68.6149



52.1603, 48.1905, 53.2040

Complementary

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



43.0400, 48.1905, 38.4857



36.0717, 35.1956, 52.4718

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.



51.1394, 48.1905, 62.3796



43.0400, 48.1905, 38.4857



45.5494, 48.1905, 71.8931

Square

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



43.0400, 48.1905, 38.4857



40.6170, 48.1905, 60.9726



48.6831, 48.1905, 69.4908



51.4140, 48.1905, 44.7993

Rectangle

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



43.0400, 48.1905, 38.4857



40.1105, 48.1905, 48.8160



48.6831, 48.1905, 69.4908



52.0114, 48.1905, 56.3046

Sweetspot

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



43.0413, 48.1926, 38.4867



83.8967, 89.9406, 89.7001



39.8268, 39.2638, 36.9327



17.9626, 19.3066, 19.0164



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.



43.0413, 48.1926, 38.4867



76.4971, 86.6689, 64.8261



39.5165, 46.3755, 38.3218



10.1124, 11.0123, 10.1693



20.4838, 28.7357, 4.4669



0.8540, 1.1522, 0.1774

Inverse Universe

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



36.0717, 35.1956, 52.4718



61.7628, 59.1895, 94.3957



39.5422, 36.9847, 52.6343



9.2065, 9.3233, 11.9866



6.8599, 2.8225, 32.5761



0.3259, 0.1400, 1.2787

Previews

White Background



This preview shows how the XYZ color 43.0400, 48.1905, 38.4857 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 43.0400, 48.1905, 38.4857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

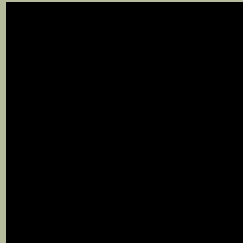
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

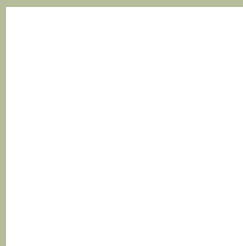
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0400, 48.1905, 38.4857

Background



This preview shows how black text looks on a background with the XYZ color 43.0400, 48.1905, 38.4857.



This preview shows how white text looks on a background with the XYZ color 43.0400, 48.1905,

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

43.0400, 48.1905, 38.4857

Protanopia

45.2214, 48.0834, 37.4695

Deuteranopia

48.7577, 47.7618, 38.9969



Tritanopia

47.2995, 48.0519, 59.6053

Trichromacy



Original Color

43.0400, 48.1905, 38.4857

Protanomaly

44.2516, 47.8833, 37.9204

Deuteranomaly

46.4291, 47.7614, 38.6701

Tritanomaly

45.5916, 47.9727, 51.1127

Monochromacy



Original Color

43.0400, 48.1905, 38.4857

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9747, 47.2432, 46.3363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0400, 48.1905, 38.4857 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(181, 188, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 156)  
}
```

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(181, 188, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 156) }
```

Border

The CSS property to change the border of an element to XYZ 43.0400, 48.1905, 38.4857 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(181, 188, 156) }
```


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

```
.border{ border-color:rgb(181, 188, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 156);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0400, 48.1905, 38.4857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 156) }
```

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

```
.background{ background-color: rgb(181,  
188, 156) }
```

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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