

Converting Colors

XYZ(43.8071, 50.4580, 42.0808)

Have a look what the booklet for
XYZ(43.8071, 50.4580, 42.0808)
contains.

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Color

**XYZ(43.8071, 50.4580,
42.0808)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C2A3
RGB	176, 194, 163
RGB Percent	69%, 76%, 64%
CMY	0.3098, 0.2392, 0.3608
CMYK	0.09, 0.00, 0.16, 0.24
HSL	95°, 20%, 70%
HSV	95°, 16%, 76%
XYZ	43.8071, 50.4580, 42.0808
YIQ	185.0840, -0.7770, -13.4570

Conversions

Conversions Part 2

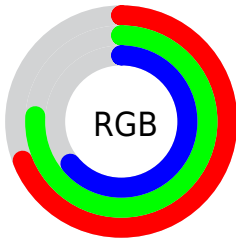
Format	Color
RYB	163, 194, 181
Decimal	11584163
CIELab	76.35, -11.83, 13.54
CIELCh	76, 17.984, 131.152
Yxy	50.4580, 0.3213, 0.3701
Android (android.graphics.Color)	4289774243 (0xFFB0C2A3)
YUV	185.0840, -10.8874, -7.9667
Hunter-Lab	71.0338, -14.2268, 14.5999

Details

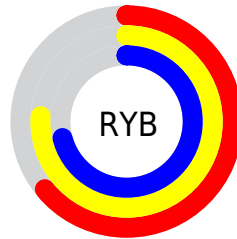
The XYZ color **43.8071, 50.4580, 42.0808** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8929, 39.9146, 56.5379**, and the grayscale version is **46.2209, 48.6280, 52.9559**.

A 20% lighter version of the original color is **80.4308, 91.2121, 79.6962**, and **20.4157, 24.1148, 18.6175** is the 20% darker color. If you saturate the color by 10%, you get **39.7583, 48.5579, 33.5031**, and if you desaturate by 10%, it is **48.3368, 52.5781, 52.0751**.

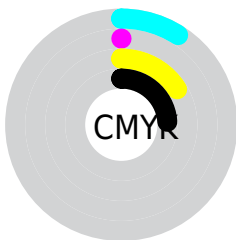
Distribution



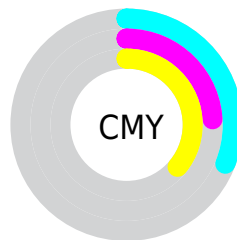
- Red (69%)
- Green (76%)
- Blue (64%)



- Red (64%)
- Yellow (76%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)





- Cyan (31%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8071, 50.4580, 42.0808 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 43.8071, 50.4580, 42.0808 by changing the saturation by 10% instead.


 43.8071, 50.4580,
42.0808


 43.8071, 50.4580,
42.0808


352.7860,
388.4543, 370.6273

 30.7161, 35.7774,
28.8385


 80.1755, 90.8531,
79.5933

 20.5336, 24.2624,
18.7142


 104.1837,
117.3364, 104.7006

 12.8940, 15.5284,
11.2892


132.5617,
148.5228, 134.6000

 7.4321, 9.1910,
6.1451

165.6749,
184.7967, 169.7101

 3.7825, 4.8660,
2.8633

203.8885,
226.5423, 210.4493

 1.5798, 2.1689,
1.0253

247.5680,

 0.3792, 0.7029,

274.1442, 257.2362

0.0000

297.0788,
327.9868, 310.4893

■ 0.0000, 0.0000,
0.0000

■ 43.8071, 50.4580,
42.0808

■ 43.8071, 50.4580,
42.0808

■ 39.7583, 48.5579,
33.5031

■ 48.3368, 52.5781,
52.0751

■ 36.1691, 46.8639,
26.2747

■ 53.3595, 54.9188,
63.5426

■ 33.0224, 45.3701,
20.3277

■ 58.8921, 57.4890,
76.5410

■ 30.2986, 44.0681,
15.5869

■ 64.9494, 60.2951,
91.1237

■ 27.9762, 42.9485,
11.9695

■ 70.7291, 63.0169,
103.0434

■ 26.0315, 42.0012,
9.3821

■ 74.5114, 64.9667,
103.2204

■ 24.4374, 41.2146,
7.7162

■ 78.5325, 67.0397,
103.4086

■ 23.1615, 40.5750,
6.8350

■ 78.5828, 67.0656,
103.4109

■ 22.7157, 40.3501,
6.5911

Harmonies

Analogous

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



46.7125, 50.4580, 38.6244



43.8071, 50.4580, 42.0808



42.0663, 50.4580, 49.1426

Triad

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



43.8071, 50.4580, 42.0808



45.8893, 50.4580, 74.5090



54.6234, 50.4580, 51.4176

Complementary

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



43.8071, 50.4580, 42.0808



41.8929, 39.9146, 56.5379

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.



54.3774, 50.4580, 61.1767



43.8071, 50.4580, 42.0808



49.2271, 50.4580, 75.3042

Square

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



43.8071, 50.4580, 42.0808



43.2288, 50.4580, 68.1242



52.3649, 50.4580, 70.1840



53.0218, 50.4580, 43.5774

Rectangle

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



43.8071, 50.4580, 42.0808



41.7489, 50.4580, 55.3153



52.3649, 50.4580, 70.1840



54.7559, 50.4580, 54.5668

Sweetspot

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



43.8085, 50.4602, 42.0819



88.3525, 95.6189, 96.1034



45.2968, 46.9874, 41.3331



19.2118, 20.8758, 20.7385



0.0000, 0.0000, 0.0000



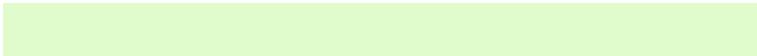
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8085, 50.4602, 42.0819



76.8347, 90.2294, 70.7983



41.1951, 49.0914, 42.9343



10.3357, 11.4605, 10.7292



15.0232, 26.5736, 4.3374



0.7276, 1.1886, 0.1911

Inverse Universe

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



41.8929, 39.9146, 56.5379



72.7391, 67.6858, 101.7007



44.8543, 41.4679, 55.4730



10.0760, 10.0303, 12.6898



10.9459, 4.9033, 33.9261



0.5501, 0.2516, 1.4695

Previews

White Background



This preview shows how the XYZ color 43.8071, 50.4580, 42.0808 looks on a white background.

Color Contrast Check

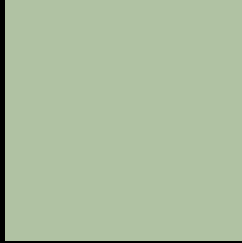
Large Text (above 18pt) WCAG AA × Fail

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 43.8071, 50.4580, 42.0808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

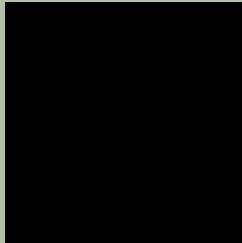
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

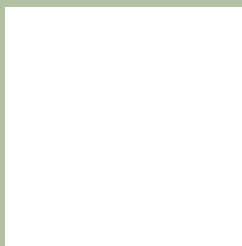
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8071, 50.4580, 42.0808

Background



This preview shows how black text looks on a background with the XYZ color 43.8071, 50.4580, 42.0808.



This preview shows how white text looks on a background with the XYZ color 43.8071, 50.4580,

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

43.8071, 50.4580, 42.0808

Protanopia

47.6171, 50.5103, 40.4975

Deuteranopia

51.1384, 50.0971, 43.0508



Tritanopia

48.0541, 50.2233, 63.6613

Trichromacy



Original Color

43.8071, 50.4580, 42.0808

Protanomaly

46.0817, 50.3473, 41.0074

Deuteranomaly

48.1699, 50.1138, 42.7314

Tritanomaly

46.3129, 50.1611, 54.8180

Monochromacy



Original Color

43.8071, 50.4580, 42.0808

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.2104, 49.0858, 48.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8071, 50.4580, 42.0808 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(176, 194, 163)` looks like.

```
.text, #text, p{  
    color:rgb(176, 194, 163)  
}
```

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(176, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 194, 163) }
```

Border

The CSS property to change the border of an element to XYZ 43.8071, 50.4580, 42.0808 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(176, 194, 163) }
```


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

```
.border{ border-color:rgb(176, 194, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 194, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(176, 194,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8071, 50.4580, 42.0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 194, 163) }
```

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

```
.background{ background-color: rgb(176,  
194, 163) }
```

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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