

Converting Colors

XYZ(43.6426, 44.9606, 49.9254)

Have a look what the booklet for
XYZ(43.6426, 44.9606, 49.9254)
contains.

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Color

**XYZ(43.5911, 44.8478,
50.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B1B5
RGB	183, 177, 181
RGB Percent	72%, 69%, 71%
CMY	0.2823, 0.3059, 0.2902
CMYK	0.00, 0.03, 0.01, 0.28
HSL	320°, 4%, 71%
HSV	320°, 3%, 72%
XYZ	43.5911, 44.8478, 50.0750
YIQ	179.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

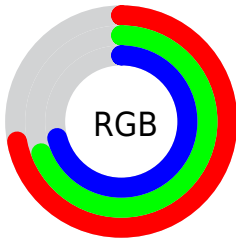
Format	Color
RYB	183, 177, 181
Decimal	12038581
CIELab	72.79, 2.87, -1.29
CIElCh	73, 3.142, 335.788
Yxy	44.8478, 0.3147, 0.3238
Android (android.graphics.Color)	4290228661 (0xFFB7B1B5)
YUV	179.2500, 0.8628, 3.2887
Hunter-Lab	66.9685, -1.0058, 2.5445

Details

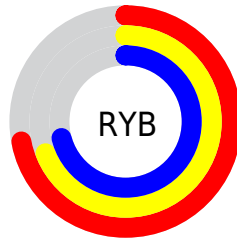
The XYZ color **43.5911, 44.8478, 50.0750** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2034, 46.4700, 49.3428**, and the grayscale version is **42.9768, 45.2150, 49.2391**.

A 20% lighter version of the original color is **80.0216, 82.7430, 91.8742**, and **20.3099, 20.7196, 23.3509** is the 20% darker color. If you saturate the color by 10%, you get **39.6039, 37.8533, 45.7237**, and if you desaturate by 10%, it is **48.0930, 52.8267, 54.7344**.

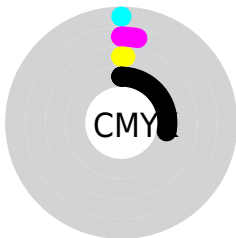
Distribution



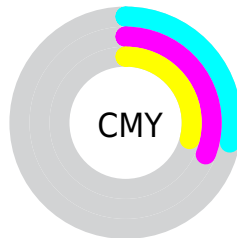
- Red (72%)
- Green (69%)
- Blue (71%)



- Red (72%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5911, 44.8478, 50.0750 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 43.5911, 44.8478, 50.0750 by changing the saturation by 10% instead.

■ 43.5911, 44.8478,
50.0750

■ 43.5911, 44.8478,
50.0750

351.9175,
366.1568, 403.7026

■ 30.5457, 31.3376,
35.1014

■ 79.8523, 82.4920,
91.6834

■ 20.4033, 20.8560,
23.4568

103.7987,
107.3947, 119.1554

■ 12.7985, 13.0188,
14.7227

132.1096,
136.8637, 151.6305

■ 7.3660, 7.4415,
8.4806

165.1503,
171.2834, 189.5273

■ 3.7404, 3.7397,
4.3118

203.2860,
211.0381, 233.2644

■ 1.5563, 1.5291,
1.7979

246.8822,

■ 0.3637, 0.3090,

256.5124, 283.2603

0.4266

296.3043,
308.0905, 339.9335

■ 0.0000, 0.0000,
0.0000

■ 43.5911, 44.8478,
50.0750

■ 43.5911, 44.8478,
50.0750

■ 39.6039, 37.8533,
45.7237

■ 48.0930, 52.8267,
54.7344

■ 36.1081, 31.7988,
41.6693

■ 53.1243, 61.8203,
59.7067

■ 33.0842, 26.6453,
37.9042

■ 58.7037, 71.8652,
65.0005

■ 30.5099, 22.3489,
34.4191

■ 64.8478, 82.9940,
70.6229

■ 28.3610, 18.8616,
31.2042

■ 67.1119, 86.3167,
75.0938

■ 26.6111, 16.1312,
28.2487

■ 67.8944, 86.6297,
79.2144

■ 25.2304, 14.0990,
25.5409

■ 68.7063, 86.9545,
83.4899

■ 24.1850, 12.6975,
23.0675

■ 69.5479, 87.2911,
87.9218

■ 23.4342, 11.8459,
20.8129

■ 70.4196, 87.6398,
92.5118

Harmonies

Analogous

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



43.2433, 44.8478, 51.3112



43.5911, 44.8478, 50.0750



43.6795, 44.8478, 48.5290

Triad

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



43.5911, 44.8478, 50.0750



42.5207, 44.8478, 45.9012



41.7806, 44.8478, 50.6110

Complementary

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



43.5911, 44.8478, 50.0750



43.2034, 46.4700, 49.3428

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.



41.5906, 44.8478, 49.1355



43.5911, 44.8478, 50.0750



42.0155, 44.8478, 46.4332

Square

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



43.5911, 44.8478, 50.0750



43.0585, 44.8478, 46.1406



41.6762, 44.8478, 47.6090



42.1974, 44.8478, 51.6253

Rectangle

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



43.5911, 44.8478, 50.0750



43.5787, 44.8478, 47.5353



41.6762, 44.8478, 47.6090



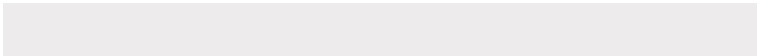
41.6882, 44.8478, 50.1513

Sweetspot

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



43.5924, 44.8497, 50.0760



79.8127, 83.3973, 91.5213



42.8616, 44.4491, 51.1209



17.6373, 18.4360, 20.2238



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



43.5924, 44.8497, 50.0760



77.4755, 79.2722, 89.0491



43.2880, 44.7280, 48.4734



9.6758, 9.8582, 11.1259



16.1053, 8.0159, 13.7070



0.5952, 0.2936, 0.6278

Inverse Universe

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



43.5924, 44.8497, 50.0760



77.4755, 79.2722, 89.0491



43.5099, 46.5926, 50.9570



9.6758, 9.8582, 11.1259



16.1053, 8.0159, 13.7070



0.5952, 0.2936, 0.6278

Previews

White Background



This preview shows how the XYZ color 43.5911, 44.8478, 50.0750 looks on a white background.

Color Contrast Check

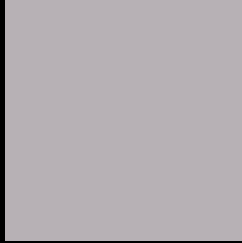
Large Text (above 18pt) WCAG AA × Fail

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 43.5911, 44.8478, 50.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

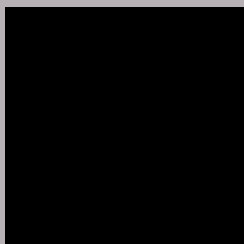
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5911, 44.8478, 50.0750

Background



This preview shows how black text looks on a background with the XYZ color 43.5911, 44.8478, 50.0750.

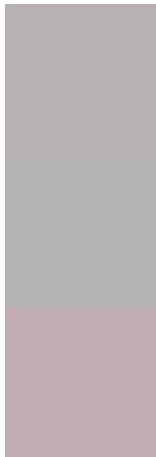


This preview shows how white text looks on a background with the XYZ color 43.5911, 44.8478,

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

43.5911, 44.8478, 50.0750

Protanopia

43.3169, 45.0007, 50.1190

Deuteranopia

45.6352, 44.7339, 50.4852



Tritanopia

44.5868, 44.9587, 55.0431

Trichromacy



Original Color

43.5911, 44.8478, 50.0750

Protanomaly

43.5523, 45.1221, 50.1300

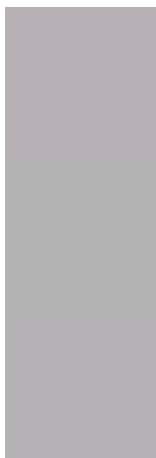
Deuteranomaly

44.8148, 44.5967, 50.5020

Tritanomaly

44.2621, 44.8289, 53.3337

Monochromacy



Original Color

43.5911, 44.8478, 50.0750

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.9810, 44.8394, 49.5695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5911, 44.8478, 50.0750 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, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 181)  
}
```

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, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.5911, 44.8478, 50.0750 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, 177, 181) }
```


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

```
.border{ border-color:rgb(183, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5911, 44.8478, 50.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 181) }
```

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

```
.background{ background-color: rgb(183,  
177, 181) }
```

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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