

Converting Colors

XYZ(43.4680, 47.3226, 46.6158)

Have a look what the booklet for
XYZ(43.4680, 47.3226, 46.6158)
contains.

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Color

**XYZ(43.4822, 47.2988,
46.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B9AD
RGB	179, 185, 173
RGB Percent	70%, 73%, 68%
CMY	0.2980, 0.2745, 0.3216
CMYK	0.03, 0.00, 0.06, 0.27
HSL	90°, 8%, 70%
HSV	90°, 6%, 73%
XYZ	43.4822, 47.2988, 46.3730
YIQ	181.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

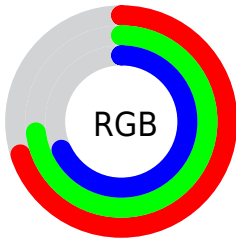
Format	Color
RYB	173, 185, 179
Decimal	11778477
CIELab	74.38, -4.30, 5.35
CIELCh	74, 6.869, 128.804
Yxy	47.2988, 0.3170, 0.3449
Android (android.graphics.Color)	4289968557 (0xFFB3B9AD)
YUV	181.8380, -4.3571, -2.4889
Hunter-Lab	68.7741, -7.4987, 8.1638

Details

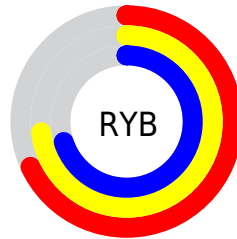
The XYZ color **43.4822, 47.2988, 46.3730** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2928, 42.9750, 51.9674**, and the grayscale version is **44.3993, 46.7115, 50.8688**.

A 20% lighter version of the original color is **79.7198, 86.1742, 85.8304**, and **20.3066, 22.3186, 21.3268** is the 20% darker color. If you saturate the color by 10%, you get **39.7475, 45.5676, 37.4916**, and if you desaturate by 10%, it is **47.6110, 49.2073, 56.5689**.

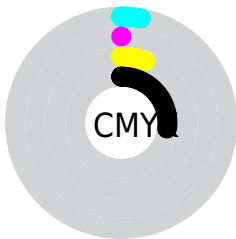
Distribution



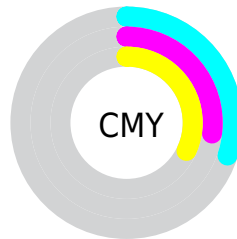
- Red (70%)
- Green (73%)
- Blue (68%)



- Red (68%)
- Yellow (73%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (30%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4822, 47.2988, 46.3730 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 43.4822, 47.2988, 46.3730 by changing the saturation by 10% instead.

■ 43.4822, 47.2988,
46.3730

■ 43.4822, 47.2988,
46.3730

351.4791,
376.0060, 388.6273

■ 30.4598, 33.2719,
32.1895

■ 79.6892, 86.1595,
86.1171

■ 20.3377, 22.3348,
21.2402

103.6045,
111.7621, 112.5148

■ 12.7504, 14.1031,
13.1068

131.8815,
141.9920, 143.8209

■ 7.3327, 8.1924,
7.3705

164.8855,
177.2337, 180.4540

■ 3.7192, 4.2183,
3.6129

202.9819,
217.8716, 222.8327

■ 1.5445, 1.7964,
1.4155

246.5361,

■ 0.3558, 0.4849,

264.2900, 271.3754

0.1538

295.9133,
316.8733, 326.5008

■ 0.0000, 0.0000,
0.0000

■ 43.4822, 47.2988,
46.3730

■ 43.4822, 47.2988,
46.3730

■ 39.7475, 45.5676,
37.4916

■ 47.6110, 49.2073,
56.5689

■ 36.3901, 44.0021,
29.8680

■ 52.1422, 51.2921,
68.1265

■ 33.3976, 42.5984,
23.4463

■ 57.0888, 53.5602,
81.0945

■ 30.7552, 41.3504,
18.1647

■ 62.4620, 56.0165,
95.5185

■ 28.4474, 40.2514,
13.9564

■ 66.5348, 57.9704,
102.2904

■ 26.4567, 39.2941,
10.7473

■ 69.5029, 59.5006,
102.4293

■ 24.7642, 38.4706,
8.4541

■ 72.6299, 61.1126,
102.5756

■ 23.3480, 37.7717,
6.9797

■ 75.9180, 62.8077,
102.7295

■ 22.1801, 37.1858,
6.1951

■ 76.6399, 63.1798,
102.7633

Harmonies

Analogous

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



44.5931, 47.2988, 45.0587



43.4822, 47.2988, 46.3730



42.7751, 47.2988, 49.0769

Triad

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



43.4822, 47.2988, 46.3730



44.1017, 47.2988, 58.1150



47.3474, 47.2988, 50.4649

Complementary

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



43.4822, 47.2988, 46.3730



42.2928, 42.9750, 51.9674

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.



47.2100, 47.2988, 54.0023



43.4822, 47.2988, 46.3730



45.3211, 47.2988, 58.5284

Square

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



43.4822, 47.2988, 46.3730



43.1282, 47.2988, 55.8874



46.4629, 47.2988, 56.9924



46.8349, 47.2988, 47.3491

Rectangle

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



43.4822, 47.2988, 46.3730



42.6201, 47.2988, 51.3584



46.4629, 47.2988, 56.9924



47.3759, 47.2988, 51.6426

Sweetspot

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



43.4835, 47.3008, 46.3740



81.0797, 86.1930, 90.8896



43.6723, 45.5734, 46.0307



17.4960, 18.5892, 19.6355



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.



43.4835, 47.3008, 46.3740



76.7277, 84.1798, 80.2789



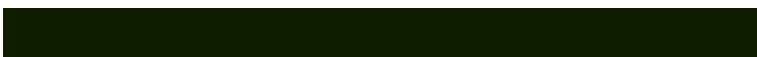
42.1268, 46.6014, 46.3105



9.3065, 10.2747, 9.5996



14.9344, 25.2353, 4.0838



0.5979, 0.9264, 0.1473

Inverse Universe

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



42.2928, 42.9750, 51.9674



74.0847, 74.5774, 92.6948



43.7100, 43.7055, 52.0337



8.9376, 8.9342, 11.3328



9.0883, 3.9964, 31.5454



0.3918, 0.1777, 1.1154

Previews

White Background



This preview shows how the XYZ color 43.4822, 47.2988, 46.3730 looks on a white background.

Color Contrast Check

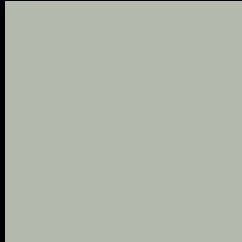
Large Text (above 18pt) WCAG AA × Fail

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 43.4822, 47.2988, 46.3730 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

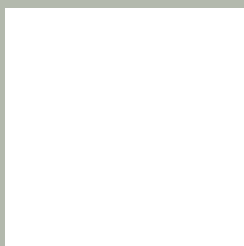
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4822, 47.2988, 46.3730

Background



This preview shows how black text looks on a background with the XYZ color 43.4822, 47.2988, 46.3730.



This preview shows how white text looks on a background with the XYZ color 43.4822, 47.2988,

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

43.4822, 47.2988, 46.3730

Protanopia

45.0649, 47.2150, 45.2663

Deuteranopia

48.0886, 47.2359, 47.1403



Tritanopia

46.2202, 47.5087, 58.9586

Trichromacy



Original Color

43.4822, 47.2988, 46.3730

Protanomaly

44.3875, 47.1598, 45.7930

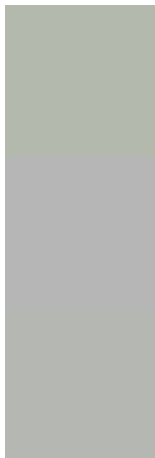
Deuteranomaly

46.2094, 47.1678, 46.7132

Tritanomaly

45.3020, 47.4429, 54.3467

Monochromacy



Original Color

43.4822, 47.2988, 46.3730

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.1262, 46.9454, 49.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4822, 47.2988, 46.3730 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(179, 185, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 185, 173)  
}
```

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(179, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.4822, 47.2988, 46.3730 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(179, 185, 173) }
```


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

```
.border{ border-color:rgb(179, 185, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 185, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 185, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 185, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 185,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4822, 47.2988, 46.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 185, 173) }
```

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

```
.background{ background-color: rgb(179,  
185, 173) }
```

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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