

Converting Colors

XYZ(43.0838, 46.3596, 23.8305)

Have a look what the booklet for
XYZ(43.0838, 46.3596, 23.8305)
contains.

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Color

**XYZ(43.0826, 46.3615,
23.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B576
RGB	198, 181, 118
RGB Percent	78%, 71%, 46%
CMY	0.2235, 0.2902, 0.5372
CMYK	0.00, 0.09, 0.40, 0.22
HSL	47°, 41%, 62%
HSV	47°, 40%, 78%
XYZ	43.0826, 46.3615, 23.8175
YIQ	178.9010, 30.3550, -15.9890

Conversions

Conversions Part 2

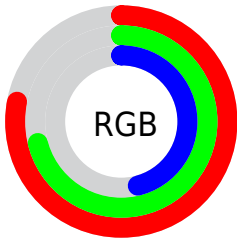
Format	Color
RYB	140, 198, 118
Decimal	13022582
CIELab	73.78, -2.90, 34.29
CIElCh	74, 34.408, 94.832
Yxy	46.3615, 0.3804, 0.4093
Android (android.graphics.Color)	4291212662 (0xFFC6B576)
YUV	178.9010, -30.0242, 16.7498
Hunter-Lab	68.0893, -6.2127, 26.9230

Details

The XYZ color **43.0826, 46.3615, 23.8175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.3281, 25.2560, 56.9134**, and the grayscale version is **42.9395, 45.1757, 49.1964**.

A 20% lighter version of the original color is **78.8749, 84.7686, 50.7329**, and **20.0903, 21.6953, 8.5976** is the 20% darker color. If you saturate the color by 10%, you get **41.1853, 44.2563, 17.9769**, and if you desaturate by 10%, it is **45.2551, 48.6215, 30.9693**.

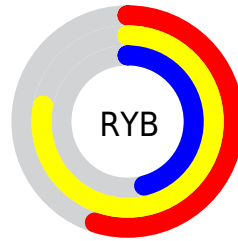
Distribution



Red (78%)

Green (71%)

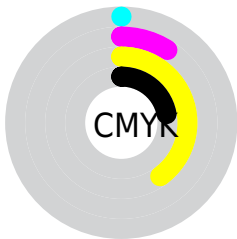
Blue (46%)



Red (55%)

Yellow (78%)

Blue (46%)

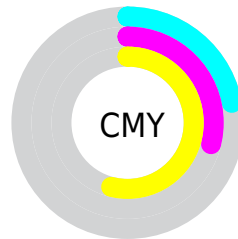


Cyan (0%)

Magenta (9%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0826, 46.3615, 23.8175 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 43.0826, 46.3615, 23.8175 by changing the saturation by 10% instead.

■ 43.0826, 46.3615,
23.8175

■ 43.0826, 46.3615,
23.8175

349.8671,
372.2601, 285.1533

■ 30.1447, 32.5312,
14.9873

■ 79.0904, 84.7598,
50.6723

■ 20.0971, 21.7675,
8.6640

■ 102.8911,
110.0965, 69.5341

■ 12.5743, 13.6862,
4.4289

■ 131.0434,
140.0375, 92.5768

■ 7.2110, 7.9027,
1.8634

163.9127,
174.9671, 120.2189

■ 3.6419, 4.0328,
0.4693

201.8644,
215.2698, 152.8791

■ 1.5016, 1.6919,
0.0000

245.2638,

■ 0.3269, 0.4184,

261.3299, 190.9759

0.0000

294.4762,
313.5319, 234.9278

■ 0.0000, 0.0000,
0.0000

■ 43.0826, 46.3615,
23.8175

■ 43.0826, 46.3615,
23.8175

■ 41.1853, 44.2563,
17.9769

■ 45.2551, 48.6215,
30.9693

■ 39.5438, 42.2927,
13.3626

■ 47.7136, 51.0359,
39.5045

■ 38.1419, 40.4654,
9.8841

■ 50.4729, 53.6126,
49.4934

■ 36.9593, 38.7662,
7.4370

■ 53.5453, 56.3570,
61.0006

■ 35.9725, 37.1852,
5.8977

■ 56.9425, 59.2740,
74.0868

■ 35.1665, 35.7614,
5.0492

■ 60.6757, 62.3684,
88.8095

■ 64.4964, 65.5412,
103.8591

■ 65.5516, 67.6516,
104.2109

■ 66.6343, 69.8169,
104.5718

Harmonies

Analogous

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



49.2555, 46.3615, 25.7310



43.0826, 46.3615, 23.8175



37.6868, 46.3615, 27.5830

Triad

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



43.0826, 46.3615, 23.8175



35.1040, 46.3615, 72.2515



55.5826, 46.3615, 66.1922

Complementary

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



43.0826, 46.3615, 23.8175



26.3281, 25.2560, 56.9134

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.



51.1255, 46.3615, 83.4601



43.0826, 46.3615, 23.8175



39.2530, 46.3615, 87.4876

Square

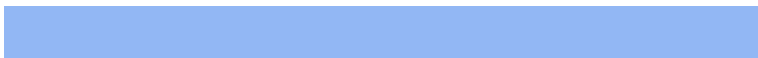
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.0826, 46.3615, 23.8175



33.3598, 46.3615, 53.3685



45.0627, 46.3615, 92.0018



56.8460, 46.3615, 47.6972

Rectangle

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



43.0826, 46.3615, 23.8175



35.1381, 46.3615, 33.4669



45.0627, 46.3615, 92.0018



54.3892, 46.3615, 72.4577

Sweetspot

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



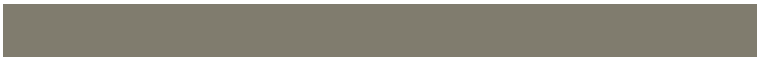
43.0837, 46.3636, 23.8185



88.4700, 94.1058, 84.3071



34.1642, 26.7218, 26.4026



18.7936, 20.0109, 17.5241



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.



43.0837, 46.3636, 23.8185



73.4646, 78.9795, 33.4182



41.2185, 50.8489, 24.7825



11.3253, 12.0197, 11.2859



22.9337, 23.3845, 3.3049



1.1351, 1.2057, 0.1729

Inverse Universe

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



26.3281, 25.2560, 56.9134



39.9898, 36.8339, 99.6097



27.5998, 22.6682, 56.3468



10.2363, 10.6466, 13.4330



7.2202, 3.8343, 35.1039



0.3962, 0.2902, 1.6803

Previews

White Background



This preview shows how the XYZ color 43.0826, 46.3615, 23.8175 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 43.0826, 46.3615, 23.8175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

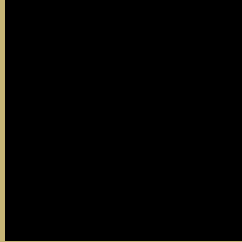
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0826, 46.3615, 23.8175

Background



This preview shows how black text looks on a background with the XYZ color 43.0826, 46.3615, 23.8175.



This preview shows how white text looks on a background with the XYZ color 43.0826, 46.3615,

23.8175.

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

43.0826, 46.3615, 23.8175

Protanopia

42.8198, 46.2261, 23.8052

Deuteranopia

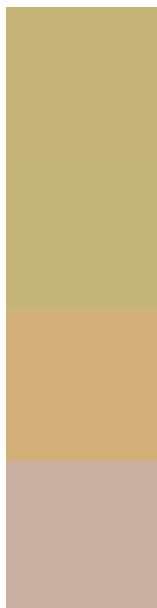
47.2472, 46.1486, 24.1867



Tritanopia

48.9833, 46.4114, 52.8310

Trichromacy



Original Color

43.0826, 46.3615, 23.8175

Protanomaly

42.8198, 46.2261, 23.8052

Deuteranomaly

45.7191, 46.2315, 23.9667

Tritanomaly

46.3155, 46.1804, 40.1908

Monochromacy



Original Color

43.0826, 46.3615, 23.8175

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.6568, 45.5159, 38.4355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0826, 46.3615, 23.8175 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(198, 181, 118)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 118)  
}
```

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(198, 181, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 118) }
```

Border

The CSS property to change the border of an element to XYZ 43.0826, 46.3615, 23.8175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

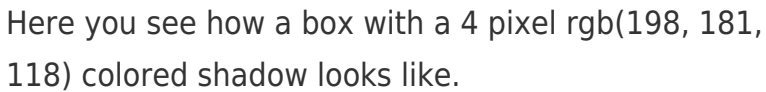
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 181, 118) }
```


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

```
.border{ border-color:rgb(198, 181, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 181, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 181, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 181, 118); box-shadow:4px 4px 4px 4px rgb(198, 181, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0826, 46.3615, 23.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 118) }
```

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

```
.background{ background-color: rgb(198,  
181, 118) }
```

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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