

Converting Colors

XYZ(43.4913, 45.9499, 47.0959)

Have a look what the booklet for
XYZ(43.4913, 45.9499, 47.0959)
contains.

XYZ(43.5531, 46.0880, 47.1578)	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(43.5531, 46.0880,
47.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B5AF
RGB	182, 181, 175
RGB Percent	71%, 71%, 69%
CMY	0.2863, 0.2902, 0.3137
CMYK	0.00, 0.01, 0.04, 0.29
HSL	51°, 5%, 70%
HSV	51°, 4%, 71%
XYZ	43.5531, 46.0880, 47.1578
YIQ	180.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

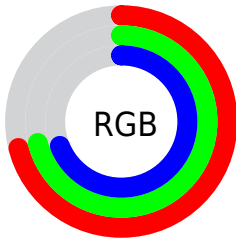
Format	Color
RYB	176, 182, 175
Decimal	11974063
CIELab	73.60, -0.74, 3.17
CIELCh	74, 3.254, 103.191
Yxy	46.0880, 0.3184, 0.3369
Android (android.graphics.Color)	4290164143 (0xFFB6B5AF)
YUV	180.6150, -2.7682, 1.2146
Hunter-Lab	67.8881, -4.2890, 6.3365

Details

The XYZ color **43.5531, 46.0880, 47.1578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6479, 43.5412, 50.4656**, and the grayscale version is **43.7278, 46.0050, 50.0995**.

A 20% lighter version of the original color is **79.8270, 84.4587, 86.9577**, and **20.3476, 21.5355, 21.8232** is the 20% darker color. If you saturate the color by 10%, you get **41.3634, 44.3787, 38.1952**, and if you desaturate by 10%, it is **45.9962, 47.9173, 57.3946**.

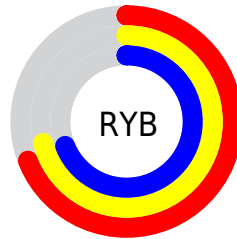
Distribution



Red (71%)

Green (71%)

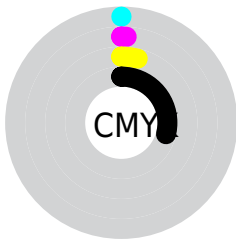
Blue (69%)



Red (69%)

Yellow (71%)

Blue (69%)

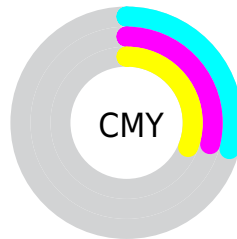


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5531, 46.0880, 47.1578 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 43.5531, 46.0880, 47.1578 by changing the saturation by 10% instead.

■ 43.5531, 46.0880,
47.1578

■ 43.5531, 46.0880,
47.1578

351.7646,
371.1623, 391.8560

■ 30.5157, 32.3153,
32.8052

■ 79.7954, 84.3507,
87.3016

■ 20.3804, 21.6024,
21.7073

103.7310,
109.6094, 113.9298

■ 12.7817, 13.5651,
13.4458

132.0300,
139.4656, 145.4870

■ 7.3544, 7.8188,
7.6019

165.0579,
174.3037, 182.3916

■ 3.7330, 3.9792,
3.7572

203.1799,
214.5080, 225.0623

■ 1.5522, 1.6619,
1.4931

246.7615,

■ 0.3610, 0.3988,

260.4629, 273.9176

0.2128

296.1679,
312.5529, 329.3760

■ 0.0000, 0.0000,
0.0000

■ 43.5531, 46.0880,
47.1578

■ 43.5531, 46.0880,
47.1578

■ 41.3634, 44.3787,
38.1952

■ 45.9962, 47.9173,
57.3946

■ 39.4136, 42.7794,
30.4535

■ 48.6978, 49.8643,
68.9503

■ 37.6946, 41.2879,
23.8798

■ 51.6679, 51.9346,
81.8710

■ 36.1955, 39.8999,
18.4164

■ 54.9147, 54.1314,
96.1997

■ 34.9044, 38.6103,
14.0006

■ 56.6235, 55.7291,
102.3801

■ 33.8079, 37.4139,
10.5632

■ 57.2049, 56.8918,
102.5739

■ 32.8915, 36.3046,
8.0272

■ 57.7964, 58.0747,
102.7711

■ 32.1382, 35.2756,
6.3036

■ 58.3980, 59.2780,
102.9716

■ 31.5276, 34.3188,
5.2852

■ 59.0098, 60.5016,
103.1756

Harmonies

Analogous

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



44.1262, 46.0880, 47.2075



43.5531, 46.0880, 47.1578



43.0519, 46.0880, 47.9056

Triad

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



43.5531, 46.0880, 47.1578



43.0030, 46.0880, 52.3836



44.8737, 46.0880, 51.1045

Complementary

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



43.5531, 46.0880, 47.1578



41.6479, 43.5412, 50.4656

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.



44.5674, 46.0880, 52.5294



43.5531, 46.0880, 47.1578



43.4859, 46.0880, 53.2789

Square

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



43.5531, 46.0880, 47.1578



42.7362, 46.0880, 50.9090



44.0584, 46.0880, 53.3328



44.8920, 46.0880, 49.4619

Rectangle

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



43.5531, 46.0880, 47.1578



42.8245, 46.0880, 48.7655



44.0584, 46.0880, 53.3328



44.8008, 46.0880, 51.6257

Sweetspot

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



43.5544, 46.0900, 47.1588



80.1685, 84.4756, 90.5097



42.4634, 43.7422, 47.3059



17.7118, 18.6619, 20.0118



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.



43.5544, 46.0900, 47.1588



78.4466, 83.1644, 83.3613



43.1841, 46.2009, 47.1997



9.8276, 10.4266, 10.3605



22.0674, 23.9112, 3.4523



0.8081, 0.9032, 0.1318

Inverse Universe

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



41.6479, 43.5412, 50.4656



73.9142, 77.1051, 91.2228



42.0082, 43.4381, 50.4267



9.2021, 9.5902, 11.4455



6.2523, 2.9642, 31.4957



0.2535, 0.1707, 1.1213

Previews

White Background



This preview shows how the XYZ color 43.5531, 46.0880, 47.1578 looks on a white background.

Color Contrast Check

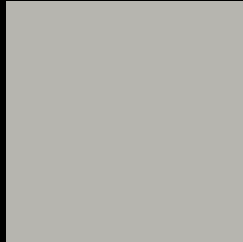
Large Text (above 18pt) WCAG AA × Fail

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 43.5531, 46.0880, 47.1578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

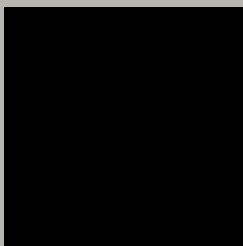
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

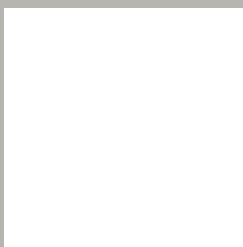
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5531, 46.0880, 47.1578

Background



This preview shows how black text looks on a background with the XYZ color 43.5531, 46.0880, 47.1578.



This preview shows how white text looks on a background with the XYZ color 43.5531, 46.0880,

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

43.5531, 46.0880, 47.1578

Protanopia

43.9688, 46.0128, 46.6084

Deuteranopia

46.9859, 46.0739, 47.4910



Tritanopia

45.4424, 45.9608, 56.3454

Trichromacy



Original Color

43.5531, 46.0880, 47.1578

Protanomaly

43.7284, 45.8889, 46.5971

Deuteranomaly

45.5509, 45.9163, 47.5362

Tritanomaly

44.7502, 45.9757, 52.9700

Monochromacy



Original Color

43.5531, 46.0880, 47.1578

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.7166, 46.1262, 49.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5531, 46.0880, 47.1578 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(182, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 175)  
}
```

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(182, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.5531, 46.0880, 47.1578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

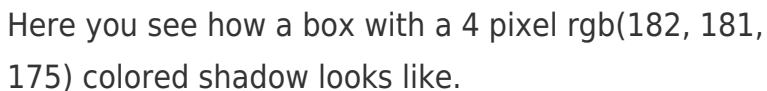
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 181, 175) }
```


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

```
.border{ border-color:rgb(182, 181, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 181, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 181, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 181, 175); box-shadow:4px 4px 4px 4px rgb(182, 181, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5531, 46.0880, 47.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 175) }
```

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

```
.background{ background-color: rgb(182,  
181, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor