

Converting Colors

XYZ(43.4660, 43.9715, 47.2707)

Have a look what the booklet for
XYZ(43.4660, 43.9715, 47.2707)
contains.

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Color

**XYZ(43.4660, 43.9715,
47.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAEB0
RGB	187, 174, 176
RGB Percent	73%, 68%, 69%
CMY	0.2667, 0.3176, 0.3098
CMYK	0.00, 0.07, 0.06, 0.27
HSL	351°, 9%, 71%
HSV	351°, 7%, 73%
XYZ	43.4660, 43.9715, 47.2707
YIQ	178.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

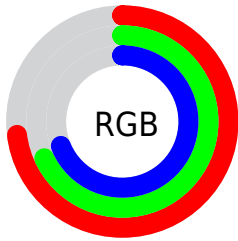
Format	Color
RYB	187, 174, 176
Decimal	12299952
CIELab	72.21, 5.01, 0.65
CIElCh	72, 5.047, 7.345
Yxy	43.9715, 0.3227, 0.3264
Android (android.graphics.Color)	4290490032 (0xFFBBAEB0)
YUV	178.1150, -1.0427, 7.7921
Hunter-Lab	66.3110, 0.9601, 4.1520

Details

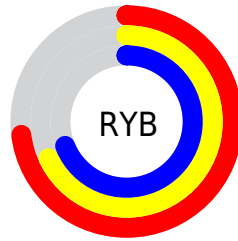
The XYZ color **43.4660, 43.9715, 47.2707** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9845, 48.0431, 52.8563**, and the grayscale version is **42.3815, 44.5886, 48.5570**.

A 20% lighter version of the original color is **79.5469, 80.9195, 87.7704**, and **20.4291, 20.4426, 21.9379** is the 20% darker color. If you saturate the color by 10%, you get **38.6262, 36.6532, 38.3765**, and if you desaturate by 10%, it is **48.9939, 52.3726, 57.2962**.

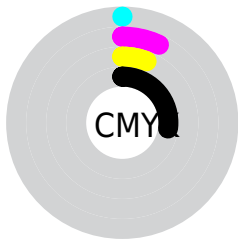
Distribution



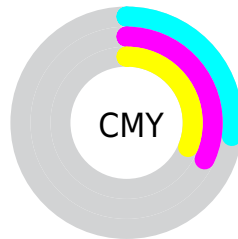
- Red (73%)
- Green (68%)
- Blue (69%)



- Red (73%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (27%)



- Cyan (27%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4660, 43.9715, 47.2707 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 43.4660, 43.9715, 47.2707 by changing the saturation by 10% instead.

■ 43.4660, 43.9715,
47.2707

■ 43.4660, 43.9715,
47.2707

351.4138,
362.5920, 392.3190

■ 30.4470, 30.6481,
32.8938

■ 79.6649, 81.1749,
87.4718

■ 20.3279, 20.3310,
21.7747

103.5756,
105.8236, 114.1330

■ 12.7433, 12.6359,
13.4947

131.8475,
135.0163, 145.7262

■ 7.3278, 7.1783,
7.6354

164.8461,
169.1372, 182.6697

■ 3.7161, 3.5739,
3.7781

202.9367,
208.5709, 225.3823

■ 1.5428, 1.4382,
1.5044

246.4846,

■ 0.3547, 0.2446,

253.7016, 274.2823

0.2212

295.8552,
304.9139, 329.7884

0.0000, 0.0000,
0.0000

43.4660, 43.9715,
47.2707

43.4660, 43.9715,
47.2707

38.6262, 36.6532,
38.3765

48.9939, 52.3726,
57.2962

34.4438, 30.3682,
30.5709

55.2315, 61.8919,
68.4880

30.8914, 25.0715,
23.8129

62.2042, 72.5707,
80.8830

27.9383, 20.7127,
18.0575

69.9350, 84.4461,
94.5156

25.5508, 17.2369,
13.2566

74.3037, 89.3049,
107.9291

■ 23.6923, 14.5835,
9.3581

■ 22.3216, 12.6843,
6.3049

■ 21.3912, 11.4599,
4.0328

■ 20.8380, 10.8017,
2.4666

Harmonies

Analogous

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



43.3483, 43.9715, 49.7369



43.4660, 43.9715, 47.2707



43.1307, 43.9715, 45.0440

Triad

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



43.4660, 43.9715, 47.2707



40.7921, 43.9715, 44.1874



41.1558, 43.9715, 52.4121

Complementary

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



43.4660, 43.9715, 47.2707



43.9845, 48.0431, 52.8563

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.



40.4844, 43.9715, 50.8274



43.4660, 43.9715, 47.2707



40.2765, 43.9715, 46.0650

Square

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



43.4660, 43.9715, 47.2707



41.5812, 43.9715, 43.3042



40.1646, 43.9715, 48.4894



42.0067, 43.9715, 52.7619

Rectangle

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



43.4660, 43.9715, 47.2707



42.6980, 43.9715, 43.9757



40.1646, 43.9715, 48.4894



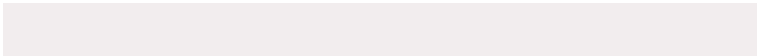
40.9020, 43.9715, 52.0035

Sweetspot

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



43.4672, 43.9734, 47.2716



82.5600, 85.9065, 93.2342



44.0744, 44.1555, 53.2140



18.2036, 18.9523, 20.5726



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.4672, 43.9734, 47.2716



76.7633, 77.1100, 82.6795



44.1216, 45.5960, 46.5222



9.5883, 9.5596, 10.2211



14.2881, 7.3464, 1.5449



0.5789, 0.2954, 0.1615

Inverse Universe

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



43.4672, 43.9734, 47.2716



76.7633, 77.1100, 82.6795



43.2915, 46.3176, 53.6726



9.5883, 9.5596, 10.2211



14.2881, 7.3464, 1.5449



0.5789, 0.2954, 0.1615

Previews

White Background



This preview shows how the XYZ color 43.4660, 43.9715, 47.2707 looks on a white background.

Color Contrast Check

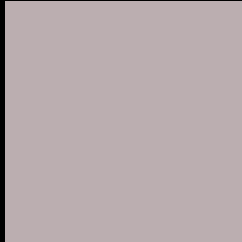
Large Text (above 18pt) WCAG AA × Fail

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 43.4660, 43.9715, 47.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

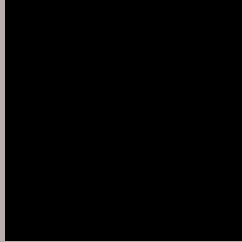
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4660, 43.9715, 47.2707

Background



This preview shows how black text looks on a background with the XYZ color 43.4660, 43.9715, 47.2707.



This preview shows how white text looks on a background with the XYZ color 43.4660, 43.9715,

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

43.4660, 43.9715, 47.2707

Protanopia

42.2835, 43.9283, 47.8454

Deuteranopia

44.7469, 43.7695, 47.6849



Tritanopia

44.3545, 43.7416, 52.5596

Trichromacy



Original Color

43.4660, 43.9715, 47.2707

Protanomaly

42.7942, 43.9015, 47.8133

Deuteranomaly

44.1742, 43.7557, 47.7124

Tritanomaly

44.1261, 43.9559, 50.4146

Monochromacy



Original Color

43.4660, 43.9715, 47.2707

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.7140, 44.4424, 47.9219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4660, 43.9715, 47.2707 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(187, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(187, 174, 176)  
}
```

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(187, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.4660, 43.9715, 47.2707 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(187, 174, 176) }
```


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

```
.border{ border-color:rgb(187, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(187, 174,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4660, 43.9715, 47.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 174, 176) }
```

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

```
.background{ background-color: rgb(187,  
174, 176) }
```

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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