

Converting Colors

XYZ(43.8578, 46.2312, 47.4182)

Have a look what the booklet for
XYZ(43.8578, 46.2312, 47.4182)
contains.

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Color

**XYZ(43.7902, 46.2102,
47.1689)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B5AF
RGB	183, 181, 175
RGB Percent	72%, 71%, 69%
CMY	0.2823, 0.2902, 0.3137
CMYK	0.00, 0.01, 0.04, 0.28
HSL	45°, 5%, 70%
HSV	45°, 4%, 72%
XYZ	43.7902, 46.2102, 47.1689
YIQ	180.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

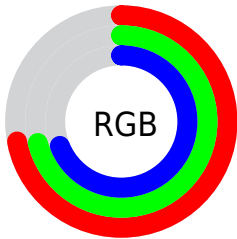
Format	Color
RYB	178, 183, 175
Decimal	12039599
CIELab	73.68, -0.39, 3.29
CIElCh	74, 3.315, 96.675
Yxy	46.2102, 0.3192, 0.3369
Android (android.graphics.Color)	4290229679 (0xFFB7B5AF)
YUV	180.9140, -2.9156, 1.8294
Hunter-Lab	67.9781, -3.9753, 6.4443

Details

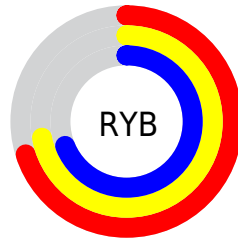
The XYZ color **43.7902, 46.2102, 47.1689** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.9486, 43.9765, 51.0777**, and the grayscale version is **43.8897, 46.1754, 50.2850**.

A 20% lighter version of the original color is **80.1637, 84.6323, 86.9735**, and **20.5002, 21.6142, 21.8304** is the 20% darker color. If you saturate the color by 10%, you get **41.2002, 43.7140, 38.0308**, and if you desaturate by 10%, it is **46.6568, 48.8688, 57.6021**.

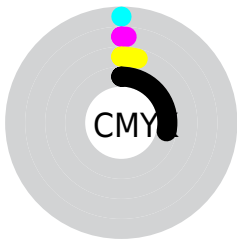
Distribution



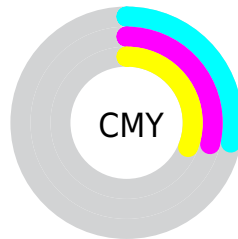
- Red (72%)
- Green (71%)
- Blue (69%)



- Red (70%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7902, 46.2102, 47.1689 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 43.7902, 46.2102, 47.1689 by changing the saturation by 10% instead.

■ 43.7902, 46.2102,
47.1689

■ 43.7902, 46.2102,
47.1689

352.7181,
371.6531, 391.9016

■ 30.7028, 32.4117,
32.8139

■ 80.1503, 84.5335,
87.3183

■ 20.5234, 21.6762,
21.7140

104.1536,
109.8271, 113.9498

■ 12.8865, 13.6192,
13.4506

132.5264,
139.7212, 145.5105

■ 7.4269, 7.8563,
7.6052

165.6339,
174.6002, 182.4190

■ 3.7792, 4.0031,
3.7592

203.8414,
214.8485, 225.0938

■ 1.5780, 1.6753,
1.4942

247.5144,

■ 0.3780, 0.4076,

260.8505, 273.9535

0.2136

297.0182,
312.9905, 329.4166

■ 0.0000, 0.0000,
0.0000

■ 43.7902, 46.2102,
47.1689

■ 43.7902, 46.2102,
47.1689

■ 41.2002, 43.7140,
38.0308

■ 46.6568, 48.8688,
57.6021

■ 38.8730, 41.3696,
30.1336

■ 49.8058, 51.6880,
69.3759

■ 36.7992, 39.1744,
23.4233

■ 53.2472, 54.6739,
82.5372

■ 34.9674, 37.1233,
17.8412

■ 56.9898, 57.8302,
97.1298

■ 33.3650, 35.2108,
13.3232

■ 59.1338, 60.3976,
103.1490

■ 31.9785, 33.4310,
9.7989

■ 60.2343, 62.5986,
103.5158

■ 30.7925, 31.7773,
7.1895

■ 61.3668, 64.8637,
103.8933

■ 29.7896, 30.2422,
5.4039

■ 62.5318, 67.1935,
104.2816

■ 28.9484, 28.8166,
4.3322

■ 63.7293, 69.5886,
104.6808

Harmonies

Analogous

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



44.3703, 46.2102, 47.4016



43.7902, 46.2102, 47.1689



43.2500, 46.2102, 47.7640

Triad

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



43.7902, 46.2102, 47.1689



43.0214, 46.2102, 52.2727



44.9672, 46.2102, 51.6073

Complementary

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



43.7902, 46.2102, 47.1689



41.9486, 43.9765, 51.0777

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.



44.5998, 46.2102, 52.9554



43.7902, 46.2102, 47.1689



43.4755, 46.2102, 53.3455

Square

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



43.7902, 46.2102, 47.1689



42.8087, 46.2102, 50.6921



44.0529, 46.2102, 53.5981



45.0533, 46.2102, 49.9398

Rectangle

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



43.7902, 46.2102, 47.1689



42.9840, 46.2102, 48.5581



44.0529, 46.2102, 53.5981



44.8723, 46.2102, 52.1139

Sweetspot

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



43.7915, 46.2122, 47.1699



80.0950, 84.3285, 90.4852



42.7949, 43.9022, 47.8141



17.6964, 18.6311, 20.0067



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.



43.7915, 46.2122, 47.1699



78.0828, 82.4368, 83.2400



43.7280, 46.7865, 47.2841



9.7773, 10.3259, 10.3437



19.9530, 19.6824, 2.7474



0.7493, 0.7857, 0.1122

Inverse Universe

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



41.9486, 43.9765, 51.0777



74.2634, 77.8033, 91.3392



42.0093, 43.4267, 50.9684



9.2502, 9.6864, 11.4616



6.6824, 3.8244, 31.6391



0.2862, 0.2361, 1.1322

Previews

White Background



This preview shows how the XYZ color 43.7902, 46.2102, 47.1689 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 43.7902, 46.2102, 47.1689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

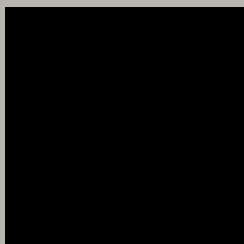
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

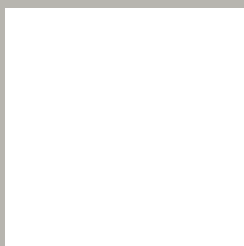
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7902, 46.2102, 47.1689

Background



This preview shows how black text looks on a background with the XYZ color 43.7902, 46.2102, 47.1689.

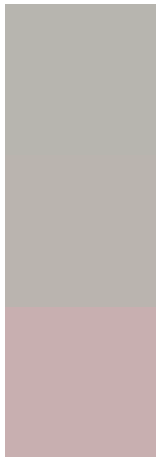


This preview shows how white text looks on a background with the XYZ color 43.7902, 46.2102,

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

43.7902, 46.2102, 47.1689

Protanopia

44.3088, 46.1768, 47.1351

Deuteranopia

46.9859, 46.0739, 47.4910



Tritanopia

45.6845, 46.0857, 56.3568

Trichromacy



Original Color

43.7902, 46.2102, 47.1689

Protanomaly

44.0667, 46.0519, 47.1238

Deuteranomaly

45.8067, 46.0482, 47.5482

Tritanomaly

44.9906, 46.0997, 52.9812

Monochromacy



Original Color

43.7902, 46.2102, 47.1689

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.9520, 46.2475, 49.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7902, 46.2102, 47.1689 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, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 181, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.7902, 46.2102, 47.1689 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, 181, 175) }
```


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

```
.border{ border-color:rgb(183, 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(183, 181, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 181,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7902, 46.2102, 47.1689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 181, 175) }
```

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

```
.background{ background-color: rgb(183,  
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](#).

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