Converting Colors

XYZ(46.2661, 46.6331, 47.0024)

Have a look what the booklet for XYZ(46.2661, 46.6331, 47.0024) contains.

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Color

XYZ(46.1639, 46.5380, 47.1071)

Conversions

Conversions Part 1

Format	Color
Hex	C3B2AF
RGB	195, 178, 175
RGB Percent	76%, 70%, 69%
CMY	0.2353, 0.3019, 0.3137
CMYK	0.00, 0.09, 0.10, 0.24
HSL	9°, 14%, 73%
HSV	9°, 10%, 76%
XYZ	46.1639, 46.5380, 47.1071
YIQ	182.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

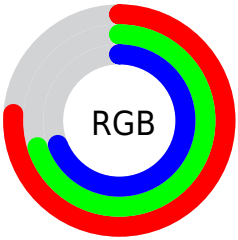
Format	Color
RYB	195, 179, 175
Decimal	12825263
CIELab	73.89, 5.56, 3.72
CIELCh	74, 6.690, 33.818
Yxy	46.5380, 0.3302, 0.3329
Android (android.graphics.Color)	4291015343 (0xFFC3B2AF)
YUV	182.7410, -3.8163, 10.7511
Hunter-Lab	68.2188, 1.4088, 6.8116

Details

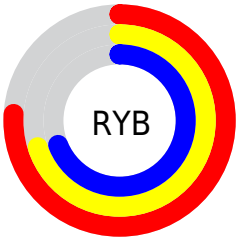
The XYZ color 46.1639, 46.5380, 47.1071 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 46.3790, 50.7524, 58.9820, and the grayscale version is 44.8849, 47.2224, 51.4252.

A 20% lighter version of the original color is 83.8506, 85.2543, 86.8992, and 21.8933, 21.7600, 21.7851 is the 20% darker color. If you saturate the color by 10%, you get 41.2851, 39.6270, 36.7043, and if you desaturate by 10%, it is 51.7202, 54.3605, 59.1014.

Distribution

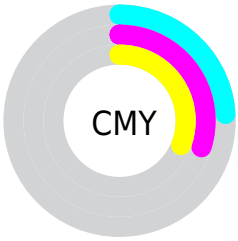


- Red (76%)
- Green (70%)
- Blue (69%)



- Red (76%)
- Yellow (70%)
- Blue (69%)

- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1639, 46.5380, 47.1071 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 46.1639, 46.5380, 47.1071 by changing the saturation by 10% instead.

46.1639, 46.5380, 47.1071

362.1721, 372.9674, 391.6480

83.6906, 85.0236, 87.2251

108.3645, 110.4105, 113.8385

137.4658, 140.4061, 145.3795

171.3600, 175.3948, 182.2667

210.4123, 215.7608, 224.9186

254.9882,

46.1639, 46.5380, 47.1071

32.5803, 32.6706, 32.7654

21.9629, 21.8742, 21.6771

13.9461, 13.7645, 13.4238

8.1646, 7.9571, 7.5869

4.2531, 4.0675, 3.7478

1.8463, 1.7114, 1.4880

0.5453, 0.4310,

261.8886, 273.7538

0.2090

305.4530, 314.1627, 329.1907

0.0000, 0.0000, 0.0000

46.1639, 46.5380, 47.1071

46.1639, 46.5380, 47.1071

41.2851, 39.6270, 36.7043

51.7202, 54.3605, 59.1014

37.0541, 33.5882, 27.8232

57.9747, 63.1195, 72.7470

33.4445, 28.3888, 20.3931

64.9520, 72.8469, 88.1045

30.4267, 23.9914, 14.3367

72.6743, 83.5711, 105.2304

27.9686, 20.3559, 9.5692

76.3159, 90.3422, 108.0233

26.0350, 17.4384, 5.9969

24.5866, 15.1909, 3.5127

23.5783, 13.5590, 1.9906

22.9522, 12.4949, 1.2020

Harmonies

Analogous

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

46.5586, 46.5380, 50.2363

46.1639, 46.5380, 47.1071

45.2516, 46.5380, 45.0087

Triad

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

46.1639, 46.5380, 47.1071

42.2086, 46.5380, 47.8316

44.3857, 46.5380, 57.5050

Complementary

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

46.1639, 46.5380, 47.1071

46.3790, 50.7524, 58.9820

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.

43.2298, 46.5380, 56.7914

46.1639, 46.5380, 47.1071

41.9861, 46.5380, 51.1101

Square

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

46.1639, 46.5380, 47.1071

42.9700, 46.5380, 45.4137

42.3567, 46.5380, 54.4123

45.5204, 46.5380, 56.3213

Rectangle

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

46.1639, 46.5380, 47.1071

44.4802, 46.5380, 44.4245

42.3567, 46.5380, 54.4123

43.9867, 46.5380, 57.4794

Sweetspot

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

46.1652, 46.5401, 47.1081

89.7306, 93.2845, 99.5638

47.3506, 46.0685, 56.2661

19.4683, 20.1727, 21.4102

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.

46.1652, 46.5401, 47.1081

80.9023, 80.8389, 80.5564

48.2273, 50.6643, 47.7955

10.1926, 10.3166, 10.5160

14.9567, 8.1992, 0.7943

0.6860, 0.4339, 0.0476

Inverse Universe

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

46.3790, 50.7524, 58.9820

81.3510, 89.6849, 105.4930

44.2581, 46.5106, 58.2750

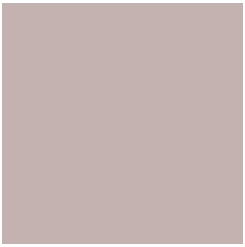
10.2355, 11.1624, 12.8999

15.2805, 20.3174, 36.6729

0.6960, 0.9493, 1.5964

Previews

White Background



This preview shows how the XYZ color 46.1639, 46.5380, 47.1071 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 46.1639, 46.5380, 47.1071 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 46.1639, 46.5380, 47.1071

Background

This preview shows how black text looks on a background with the XYZ color 46.1639, 46.5380, 47.1071.

This preview shows how white text looks on a background with the XYZ color 46.1639, 46.5380,

47.1071.

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
46.1639, 46.5380, 47.1071

Protanopia
44.7094, 46.6612, 48.2450

Deuteranopia
47.3506, 46.5633, 47.0494

Tritanopia
47.8456, 46.6387, 55.1956

Trichromacy

Original Color
46.1639, 46.5380, 47.1071

Protanomaly
45.1440, 46.5959, 47.6889

Deuteranomaly
47.0132, 46.6815, 47.0900

Tritanomaly
47.2440, 46.6828, 52.4196

Monochromacy

Original Color
46.1639, 46.5380, 47.1071

Achromatopsia
45.0092, 47.3531, 51.5676

Achromatomaly
45.2556, 46.9078, 49.8489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1639, 46.5380, 47.1071 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(195, 178, 175) looks like.

```
.text, #text, p{
    color:rgb(195, 178, 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(195, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 175) }
```

Border

The CSS property to change the border of an element to XYZ 46.1639, 46.5380, 47.1071 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(195, 178, 175) }
```

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

```
.border{ border-color:rgb(195, 178, 175) }
```

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

Here you see how a box with a 4 pixel rgb(195, 178, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 178, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 178, 175); box-shadow:4px 4px 4px 4px rgb(195, 178, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1639, 46.5380, 47.1071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(195, 178, 175) }
```

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

```
.background{ background-color:rgb(195, 178, 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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