

Converting Colors

XYZ(46.2167, 44.0489, 46.8426)

Have a look what the booklet for
XYZ(46.2167, 44.0489, 46.8426)
contains.

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Color

**XYZ(46.0132, 43.8886,
46.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A9AF
RGB	201, 169, 175
RGB Percent	79%, 66%, 69%
CMY	0.2118, 0.3372, 0.3137
CMYK	0.00, 0.16, 0.13, 0.21
HSL	349°, 23%, 73%
HSV	349°, 16%, 79%
XYZ	46.0132, 43.8886, 46.6036
YIQ	179.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

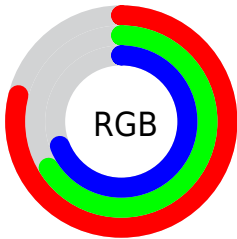
Format	Color
R_{YB}	201, 169, 175
Decimal	13216175
CIE _{Lab}	72.15, 12.63, 1.27
CIE _{LCh}	72, 12.690, 5.723
Yxy	43.8886, 0.3371, 0.3215
Android (android.graphics.Color)	4291406255 (0xFFC9A9AF)
YUV	179.2520, -2.0962, 19.0730
Hunter-Lab	66.2485, 8.0432, 4.6654

Details

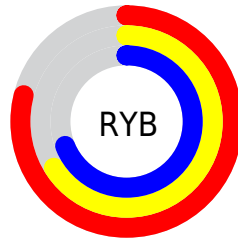
The XYZ color **46.0132, 43.8886, 46.6036** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1009, 54.1495, 59.6018**, and the grayscale version is **42.9876, 45.2263, 49.2514**.

A 20% lighter version of the original color is **82.1786, 80.2845, 86.0281**, and **21.9691, 20.3557, 21.5100** is the 20% darker color. If you saturate the color by 10%, you get **41.0492, 36.3741, 37.5074**, and if you desaturate by 10%, it is **51.7486, 52.6343, 56.9153**.

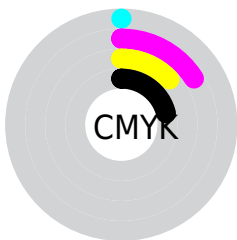
Distribution



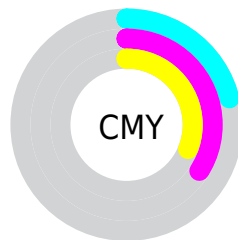
- Red (79%)
- Green (66%)
- Blue (69%)



- Red (79%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (21%)





- Cyan (21%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0132, 43.8886, 46.6036 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 46.0132, 43.8886, 46.6036 by changing the saturation by 10% instead.


 46.0132, 43.8886,
46.6036

 46.0132, 43.8886,
46.6036


361.5768,
362.2535, 389.5779

 32.4609, 30.5829,
32.3703


 83.4665, 81.0501,
86.4654

 21.8710, 20.2815,
21.3773


 108.0982,
105.6747, 112.9310

 13.8782, 12.5998,
13.2062


137.1538,
134.8411, 144.3110

 8.1172, 7.1536,
7.4383

170.9985,
168.9337, 181.0242

 4.2224, 3.5583,
3.6551

209.9979,
208.3368, 223.4889

 1.8287, 1.4297,
1.4381

254.5171,

 0.5349, 0.2385,

253.4349, 272.1237

0.1712

304.9216,
304.6123, 327.3472

■ 0.0000, 0.0000,
0.0000

■ 46.0132, 43.8886,
46.6036

■ 46.0132, 43.8886,
46.6036

■ 41.0492, 36.3741,
37.5074

■ 51.7486, 52.6343,
56.9153

■ 36.8198, 30.0298,
29.5789

■ 58.2827, 62.6569,
68.4824

■ 33.2908, 24.7984,
22.7711

■ 65.6460, 74.0071,
81.3464

■ 30.4236, 20.6153,
17.0330

■ 73.8665, 86.7309,
95.5459

■ 28.1760, 17.4094,
12.3092

■ 77.8976, 91.1576,
108.0973

■ 26.5008, 15.1006,
8.5395

■ 25.3435, 13.5960,
5.6568

■ 24.6376, 12.7801,
3.5843

■ 24.4321, 12.5554,
2.9415

Harmonies

Analogous

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



45.6419, 43.8886, 52.8795



46.0132, 43.8886, 46.6036



45.2008, 43.8886, 41.1337

Triad

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



46.0132, 43.8886, 46.6036



39.3218, 43.8886, 38.7133



40.0199, 43.8886, 59.5500

Complementary

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



46.0132, 43.8886, 46.6036



47.1009, 54.1495, 59.6018

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.



38.4128, 43.8886, 55.1221



46.0132, 43.8886, 46.6036



38.0197, 43.8886, 43.0328

Square

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



46.0132, 43.8886, 46.6036



41.2994, 43.8886, 36.8392



37.6928, 43.8886, 48.9907



42.1329, 43.8886, 60.7142

Rectangle

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



46.0132, 43.8886, 46.6036



44.1132, 43.8886, 38.5630



37.6928, 43.8886, 48.9907



39.4049, 43.8886, 58.3762

Sweetspot

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



46.0144, 43.8906, 46.6045



89.4930, 91.4838, 99.0392



47.1344, 44.1439, 61.2951



18.9941, 19.3348, 20.9114



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.



46.0144, 43.8906, 46.6045



75.7908, 70.6066, 74.3489



47.2902, 47.3639, 44.1882



10.7137, 10.6689, 11.4758



15.3871, 7.9044, 1.9825



0.7538, 0.3844, 0.2266

Inverse Universe

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



46.0144, 43.8906, 46.6045



75.7908, 70.6066, 74.3489



45.6245, 50.0898, 62.5224



10.7137, 10.6689, 11.4758



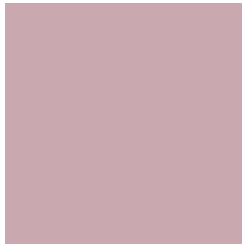
15.3871, 7.9044, 1.9825



0.7538, 0.3844, 0.2266

Previews

White Background



This preview shows how the XYZ color 46.0132, 43.8886, 46.6036 looks on a white background.

Color Contrast Check

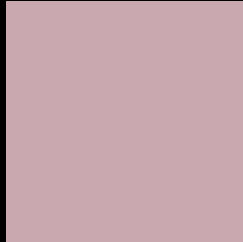
Large Text (above 18pt) WCAG AA × Fail

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 46.0132, 43.8886, 46.6036 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 46.0132, 43.8886, 46.6036

Background



This preview shows how black text looks on a background with the XYZ color 46.0132, 43.8886, 46.6036.



This preview shows how white text looks on a background with the XYZ color 46.0132, 43.8886,

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

46.0132, 43.8886, 46.6036

Protanopia

42.4844, 44.0086, 48.9032

Deuteranopia

44.8065, 43.8231, 46.6546



Tritanopia

46.7002, 43.8980, 49.7279

Trichromacy



Original Color

46.0132, 43.8886, 46.6036

Protanomaly

43.7185, 43.7929, 48.2681

Deuteranomaly

45.1385, 43.7149, 46.6162

Tritanomaly

46.4964, 43.8165, 48.6546

Monochromacy



Original Color

46.0132, 43.8886, 46.6036

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.8594, 44.4391, 48.3854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0132, 43.8886, 46.6036 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(201, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 169, 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(201, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 169, 175) }
```

Border

The CSS property to change the border of an element to XYZ 46.0132, 43.8886, 46.6036 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(201, 169, 175) }
```


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

```
.border{ border-color:rgb(201, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 169,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0132, 43.8886, 46.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 169, 175) }
```

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

```
.background{ background-color: rgb(201,  
169, 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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