

Converting Colors

XYZ(43.1923, 40.5843, 46.3232)

Have a look what the booklet for
XYZ(43.1923, 40.5843, 46.3232)
contains.

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Color

**XYZ(43.1639, 40.5379,
46.1071)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A2AF
RGB	195, 162, 175
RGB Percent	76%, 64%, 69%
CMY	0.2353, 0.3647, 0.3137
CMYK	0.00, 0.17, 0.10, 0.24
HSL	336°, 22%, 70%
HSV	336°, 17%, 76%
XYZ	43.1639, 40.5379, 46.1071
YIQ	173.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

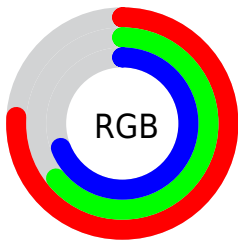
Format	Color
RYB	195, 162, 175
Decimal	12821167
CIELab	69.85, 14.28, -2.17
CIElCh	70, 14.440, 351.364
Yxy	40.5379, 0.3325, 0.3123
Android (android.graphics.Color)	4291011247 (0xFFC3A2AF)
YUV	173.3490, 0.8139, 18.9879
Hunter-Lab	63.6694, 9.5905, 1.6329

Details

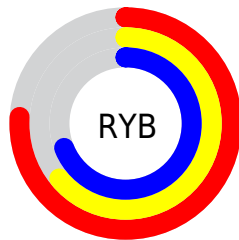
The XYZ color **43.1639, 40.5379, 46.1071** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8605, 50.0901, 51.6677**, and the grayscale version is **39.8900, 41.9674, 45.7025**.

A 20% lighter version of the original color is **79.2407, 76.0343, 85.3626**, and **20.1356, 18.2446, 21.1992** is the 20% darker color. If you saturate the color by 10%, you get **38.8813, 33.7496, 39.2008**, and if you desaturate by 10%, it is **48.0831, 48.4358, 53.7279**.

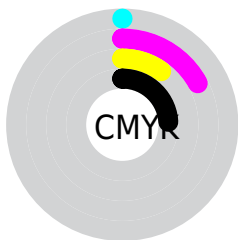
Distribution



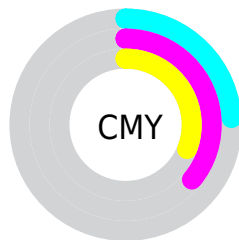
- Red (76%)
- Green (64%)
- Blue (69%)



- Red (76%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (24%)





- Cyan (24%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1639, 40.5379, 46.1071 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 43.1639, 40.5379, 46.1071 by changing the saturation by 10% instead.


 43.1639, 40.5379,
46.1071


 43.1639, 40.5379,
46.1071


350.1955,
348.3856, 387.5291

 30.2088, 27.9582,
31.9811


 79.2123, 75.9819,
85.7152

 20.1460, 18.2941,
21.0823


 103.0363, 99.6150,
112.0344

 12.6101, 11.1614,
12.9924


131.2141,
127.7013, 143.2551

 7.2358, 6.1755,
7.2926

164.1108,
160.6253, 179.7957

 3.6576, 2.9521,
3.5646

202.0920,
198.7713, 222.0749

 1.5103, 1.1068,
1.3896

245.5229,

 0.3328, 0.0000,

242.5238, 270.5112

0.1336

294.7690,
292.2671, 325.5231

■ 0.0000, 0.0000,
0.0000

■ 43.1639, 40.5379,
46.1071

■ 43.1639, 40.5379,
46.1071

■ 38.8813, 33.7496,
39.2008

■ 48.0831, 48.4358,
53.7279

■ 35.2048, 28.0154,
32.9847

■ 53.6607, 57.4846,
62.0814

■ 32.1065, 23.2834,
27.4366

■ 59.9220, 67.7301,
71.1883

■ 29.5547, 19.4948,
22.5320

■ 66.8897, 79.2142,
81.0678

■ 27.5147, 16.5849,
18.2448

■ 73.1313, 89.0684,
91.2534

■ 25.9475, 14.4805,
14.5467

■ 74.8878, 89.7710,
100.5030

■ 24.8078, 13.0966,
11.4065

■ 76.3159, 90.3422,
108.0233

■ 24.0356, 12.3184,
8.7870

■ 23.8387, 12.1353,
8.0714

Harmonies

Analogous

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



42.1620, 40.5379, 52.7059



43.1639, 40.5379, 46.1071



42.8853, 40.5379, 39.5980

Triad

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



43.1639, 40.5379, 46.1071



36.9101, 40.5379, 33.1682



35.7818, 40.5379, 55.0184

Complementary

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



43.1639, 40.5379, 46.1071



42.8605, 50.0901, 51.6677

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.



34.4801, 40.5379, 49.0143



43.1639, 40.5379, 46.1071



35.1129, 40.5379, 36.5545

Square

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



43.1639, 40.5379, 46.1071



39.2113, 40.5379, 32.5593



34.2403, 40.5379, 42.2275



37.8567, 40.5379, 58.1823

Rectangle

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



43.1639, 40.5379, 46.1071



42.0156, 40.5379, 36.1404



34.2403, 40.5379, 42.2275



35.2429, 40.5379, 53.2381

Sweetspot

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



43.1651, 40.5397, 46.1080



87.8682, 89.5785, 98.8848



42.0164, 39.7035, 57.0794



19.0921, 19.3740, 21.4273



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.



43.1651, 40.5397, 46.1080



74.5835, 68.2676, 78.2457



42.5380, 41.2312, 39.9010



10.2338, 10.1421, 11.3218



15.5325, 7.9027, 5.4500



0.7050, 0.3550, 0.4141

Inverse Universe

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



43.1651, 40.5397, 46.1080



74.5835, 68.2676, 78.2457



43.5358, 49.1903, 58.8304



10.2338, 10.1421, 11.3218



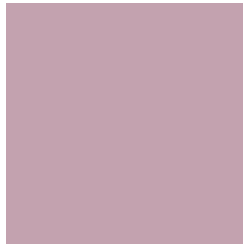
15.5325, 7.9027, 5.4500



0.7050, 0.3550, 0.4141

Previews

White Background



This preview shows how the XYZ color 43.1639, 40.5379, 46.1071 looks on a white background.

Color Contrast Check

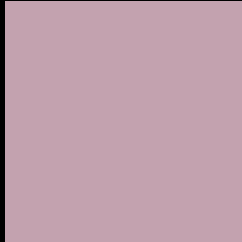
Large Text (above 18pt) WCAG AA × Fail

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 43.1639, 40.5379, 46.1071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

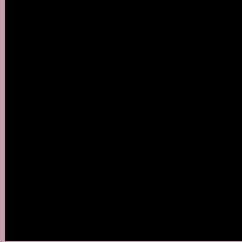
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1639, 40.5379, 46.1071

Background



This preview shows how black text looks on a background with the XYZ color 43.1639, 40.5379, 46.1071.



This preview shows how white text looks on a background with the XYZ color 43.1639, 40.5379,

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

43.1639, 40.5379, 46.1071

Protanopia

39.4075, 40.7027, 48.9594

Deuteranopia

41.5259, 40.7675, 45.7247



Tritanopia

43.1639, 40.5379, 46.1071

Trichromacy



Original Color

43.1639, 40.5379, 46.1071

Protanomaly

40.6770, 40.5551, 47.8035

Deuteranomaly

42.0814, 40.7851, 45.6988

Tritanomaly

43.1639, 40.5379, 46.1071

Monochromacy



Original Color

43.1639, 40.5379, 46.1071

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8840, 41.2557, 45.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1639, 40.5379, 46.1071 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, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 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, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.1639, 40.5379, 46.1071 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, 162, 175) }
```


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

```
.border{ border-color:rgb(195, 162, 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, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 162, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 162, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 162,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1639, 40.5379, 46.1071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 175) }
```

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

```
.background{ background-color: rgb(195,  
162, 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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