

Converting Colors

XYZ(43.0615, 40.7637, 46.0645)

Have a look what the booklet for
XYZ(43.0615, 40.7637, 46.0645)
contains.

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Color

**XYZ(43.0832, 40.7589,
46.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A3AF
RGB	194, 163, 175
RGB Percent	76%, 64%, 69%
CMY	0.2392, 0.3608, 0.3137
CMYK	0.00, 0.16, 0.10, 0.24
HSL	337°, 20%, 70%
HSV	337°, 16%, 76%
XYZ	43.0832, 40.7589, 46.1540
YIQ	173.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

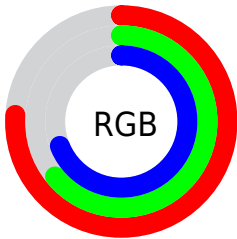
Format	Color
RYB	194, 163, 175
Decimal	12755887
CIELab	70.01, 13.37, -1.95
CIELCh	70, 13.507, 351.697
Yxy	40.7589, 0.3314, 0.3135
Android (android.graphics.Color)	4290945967 (0xFFC2A3AF)
YUV	173.6370, 0.6720, 17.8584
Hunter-Lab	63.8427, 8.7331, 1.8272

Details

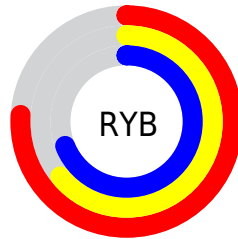
The XYZ color **43.0832, 40.7589, 46.1540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8411, 49.7485, 51.6028**, and the grayscale version is **40.0384, 42.1235, 45.8725**.

A 20% lighter version of the original color is **79.1380, 76.3652, 85.4318**, and **20.0748, 18.3744, 21.2274** is the 20% darker color. If you saturate the color by 10%, you get **38.7825, 33.9447, 39.2097**, and if you desaturate by 10%, it is **48.0175, 48.6747, 53.8179**.

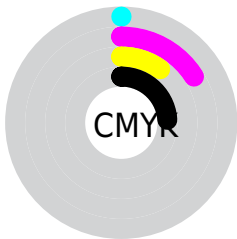
Distribution



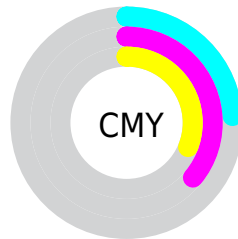
- Red (76%)
- Green (64%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0832, 40.7589, 46.1540 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 43.0832, 40.7589, 46.1540 by changing the saturation by 10% instead.


 43.0832, 40.7589,
46.1540


 43.0832, 40.7589,
46.1540


349.8695,
349.3119, 387.7230

 30.1452, 28.1307,
32.0178


 79.0913, 76.3178,
85.7861

 20.0974, 18.4242,
21.1102


 102.8922,
100.0173, 112.1192

 12.5746, 11.2550,
13.0125

131.0447,
128.1760, 143.3549

 7.2112, 6.2386,
7.3063

163.9142,
161.1783, 179.9119

 3.6421, 2.9907,
3.5731

201.8661,
199.4087, 222.2086

 1.5017, 1.1269,
1.3942

245.2657,

 0.3270, 0.0007,

243.2515, 270.6637

0.1372

294.4784,
293.0911, 325.6957

■ 0.0000, 0.0000,
0.0000

■ 43.0832, 40.7589,
46.1540

■ 43.0832, 40.7589,
46.1540

■ 38.7825, 33.9447,
39.2097

■ 48.0175, 48.6747,
53.8179

■ 35.0853, 28.1775,
32.9606

■ 53.6069, 57.7325,
62.2198

■ 31.9641, 23.4064,
27.3845

■ 59.8763, 67.9776,
71.3805

■ 29.3879, 19.5740,
22.4567

■ 66.8479, 79.4509,
81.3192

■ 27.3227, 16.6167,
18.1512

■ 72.9257, 88.9564,
91.5151

■ 25.7301, 14.4634,
14.4396

■ 74.6968, 89.6648,
100.8417

■ 24.5662, 13.0312,
11.2907

■ 76.0583, 90.2094,
108.0112

■ 23.7761, 12.2161,
8.6687

■ 23.5212, 11.9786,
7.7441

Harmonies

Analogous

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



42.1591, 40.7589, 52.3288



43.0832, 40.7589, 46.1540



42.8094, 40.7589, 40.0453

Triad

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



43.0832, 40.7589, 46.1540



37.1956, 40.7589, 34.0380



36.1742, 40.7589, 54.5930

Complementary

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



43.0832, 40.7589, 46.1540



42.8411, 49.7485, 51.6028

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.



34.9372, 40.7589, 49.0157



43.0832, 40.7589, 46.1540



35.5112, 40.7589, 37.2790

Square

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



43.0832, 40.7589, 46.1540



39.3549, 40.7589, 33.4283



34.6992, 40.7589, 42.6511



38.1318, 40.7589, 57.4941

Rectangle

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



43.0832, 40.7589, 46.1540



41.9888, 40.7589, 36.7913



34.6992, 40.7589, 42.6511



35.6635, 40.7589, 52.9453

Sweetspot

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



43.0844, 40.7607, 46.1549



87.8550, 89.5733, 98.8154



42.0334, 39.9879, 56.5425



19.0888, 19.3727, 21.4101



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.



43.0844, 40.7607, 46.1549



75.3421, 69.5263, 79.2954



42.5148, 41.4244, 40.4075



10.2310, 10.1410, 11.3067



15.5019, 7.8905, 5.2888



0.7036, 0.3544, 0.4064

Inverse Universe

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



43.0844, 40.7607, 46.1549



75.3421, 69.5263, 79.2954



43.4522, 48.9006, 58.1880



10.2310, 10.1410, 11.3067



15.5019, 7.8905, 5.2888



0.7036, 0.3544, 0.4064

Previews

White Background



This preview shows how the XYZ color 43.0832, 40.7589, 46.1540 looks on a white background.

Color Contrast Check

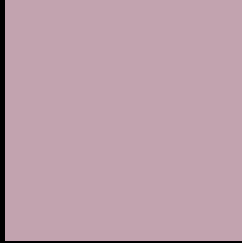
Large Text (above 18pt) WCAG AA × Fail

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 43.0832, 40.7589, 46.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

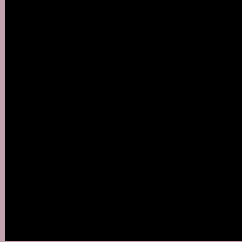
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0832, 40.7589, 46.1540

Background



This preview shows how black text looks on a background with the XYZ color 43.0832, 40.7589, 46.1540.



This preview shows how white text looks on a background with the XYZ color 43.0832, 40.7589,

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

43.0832, 40.7589, 46.1540

Protanopia

39.5247, 40.7748, 48.4350

Deuteranopia

41.5259, 40.7675, 45.7247



Tritanopia

43.1818, 40.7983, 46.6732

Trichromacy



Original Color

43.0832, 40.7589, 46.1540

Protanomaly

40.6770, 40.5551, 47.8035

Deuteranomaly

42.0814, 40.7851, 45.6988

Tritanomaly

43.1818, 40.7983, 46.6732

Monochromacy



Original Color

43.0832, 40.7589, 46.1540

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.0708, 41.6292, 45.9150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0832, 40.7589, 46.1540 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(194, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 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(194, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.0832, 40.7589, 46.1540 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(194, 163, 175) }
```


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

```
.border{ border-color:rgb(194, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0832, 40.7589, 46.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 175) }
```

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

```
.background{ background-color: rgb(194,  
163, 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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