

Converting Colors

XYZ(41.8441, 43.4391, 40.5588)

Have a look what the booklet for
XYZ(41.8441, 43.4391, 40.5588)
contains.

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Color

**XYZ(41.8591, 43.5829,
40.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AFA2
RGB	185, 175, 162
RGB Percent	73%, 69%, 64%
CMY	0.2745, 0.3137, 0.3647
CMYK	0.00, 0.05, 0.12, 0.27
HSL	34°, 14%, 68%
HSV	34°, 12%, 73%
XYZ	41.8591, 43.5829, 40.3885
YIQ	176.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

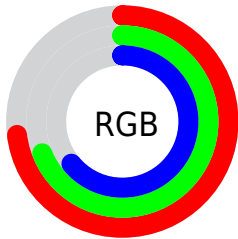
Format	Color
RYB	180, 185, 162
Decimal	12169122
CIELab	71.95, 1.32, 7.93
CIELCh	72, 8.043, 80.541
Yxy	43.5829, 0.3327, 0.3464
Android (android.graphics.Color)	4290359202 (0xFFB9AFA2)
YUV	176.5080, -7.1524, 7.4475
Hunter-Lab	66.0173, -2.3503, 9.9393

Details

The XYZ color **41.8591, 43.5829, 40.3885** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4095, 40.6882, 51.7284**, and the grayscale version is **41.5656, 43.7303, 47.6223**.

A 20% lighter version of the original color is **77.0968, 80.3042, 77.0825**, and **19.4132, 20.1972, 17.6271** is the 20% darker color. If you saturate the color by 10%, you get **38.8159, 39.9372, 31.8489**, and if you desaturate by 10%, it is **45.2399, 47.5157, 50.2353**.

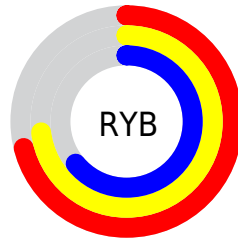
Distribution



Red (73%)

Green (69%)

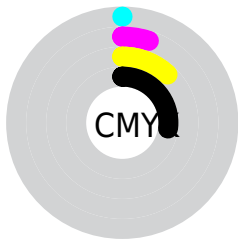
Blue (64%)



Red (71%)

Yellow (73%)

Blue (64%)

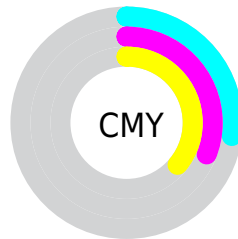


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8591, 43.5829, 40.3885 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 41.8591, 43.5829, 40.3885 by changing the saturation by 10% instead.

■ 41.8591, 43.5829,
40.3885

■ 41.8591, 43.5829,
40.3885

344.9001,
361.0035, 363.3590

■ 29.1816, 30.3427,
27.5255

■ 77.2528, 80.5897,
76.9983

■ 19.3632, 20.0989,
17.7324

■ 100.6998,
105.1252, 101.5822

■ 12.0386, 12.4669,
10.5906

128.4673,
134.1946, 130.9101

■ 6.8423, 7.0625,
5.6815

160.9206,
168.1822, 165.4005

■ 3.4092, 3.5012,
2.5868

198.4253,
207.4725, 205.4721

■ 1.3736, 1.3987,
0.8856

241.3465,

■ 0.2373, 0.2157,

252.4499, 251.5434

0.0000

290.0496,
303.4988, 304.0328

■ 0.0000, 0.0000,
0.0000

■ 41.8591, 43.5829,
40.3885

■ 41.8591, 43.5829,
40.3885

■ 38.8159, 39.9372,
31.8489

■ 45.2399, 47.5157,
50.2353

■ 36.0945, 36.5652,
24.5578

■ 48.9661, 51.7368,
61.4390

■ 33.6833, 33.4613,
18.4561

■ 53.0498, 56.2549,
74.0503

■ 31.5682, 30.6169,
13.4786

■ 57.5013, 61.0767,
88.1163

■ 29.7340, 28.0234,
9.5540

■ 62.3305, 66.2083,
103.6818

■ 28.1640, 25.6710,
6.6027

■ 64.5113, 70.4416,
104.8042

■ 26.8391, 23.5491,
4.5333

■ 66.7140, 74.8469,
105.5384

■ 25.7368, 21.6457,
3.2371

■ 69.0201, 79.4591,
106.3071

■ 25.0184, 20.3357,
2.6066

■ 71.4309, 84.2809,
107.1108

Harmonies

Analogous

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



43.1227, 43.5829, 41.8596



41.8591, 43.5829, 40.3885



40.5059, 43.5829, 40.7284

Triad

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



41.8591, 43.5829, 40.3885



39.0038, 43.5829, 50.1536



43.4936, 43.5829, 52.4172

Complementary

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



41.8591, 43.5829, 40.3885



38.4095, 40.6882, 51.7284

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.



42.3563, 43.5829, 54.8828



41.8591, 43.5829, 40.3885



39.7710, 43.5829, 53.5267

Square

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



41.8591, 43.5829, 40.3885



38.8774, 43.5829, 46.2241



40.9924, 43.5829, 55.2997



44.0800, 43.5829, 48.7063

Rectangle

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



41.8591, 43.5829, 40.3885



39.7339, 43.5829, 41.9439



40.9924, 43.5829, 55.2997



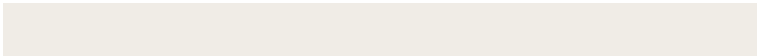
43.1618, 43.5829, 53.4275

Sweetspot

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



41.8603, 43.5848, 40.3894



79.9932, 83.9146, 86.9264



40.4084, 39.1475, 44.6331



17.1440, 17.9739, 18.4428



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.



41.8603, 43.5848, 40.3894



73.3774, 76.1711, 67.8016



43.6021, 47.4787, 41.0492



9.4145, 9.8320, 9.5085



17.1087, 13.9938, 1.7993



0.6635, 0.6140, 0.0835

Inverse Universe

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



38.4095, 40.6882, 51.7284



65.9442, 69.9319, 92.2272



36.8128, 37.1464, 51.1289



8.8336, 9.3443, 11.4175



8.0059, 6.4715, 32.0802



0.3440, 0.3517, 1.1515

Previews

White Background



This preview shows how the XYZ color 41.8591, 43.5829, 40.3885 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 41.8591, 43.5829, 40.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

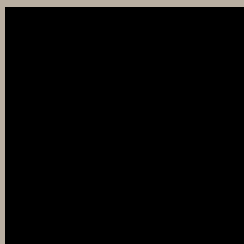
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

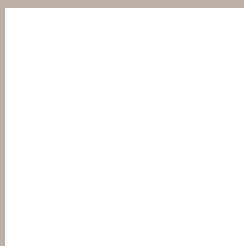
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8591, 43.5829, 40.3885

Background



This preview shows how black text looks on a background with the XYZ color 41.8591, 43.5829, 40.3885.

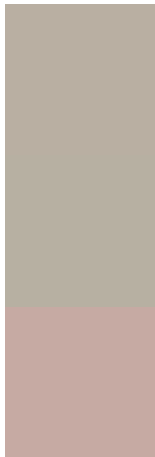


This preview shows how white text looks on a background with the XYZ color 41.8591, 43.5829,

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

41.8591, 43.5829, 40.3885

Protanopia

41.5754, 43.7266, 40.4312

Deuteranopia

44.2743, 43.3996, 40.6938



Tritanopia

44.2485, 43.6992, 52.0016

Trichromacy



Original Color

41.8591, 43.5829, 40.3885

Protanomaly

41.8141, 43.8497, 40.4424

Deuteranomaly

43.3557, 43.4868, 40.7590

Tritanomaly

43.3729, 43.6263, 47.7297

Monochromacy



Original Color

41.8591, 43.5829, 40.3885

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7941, 43.7325, 45.2682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8591, 43.5829, 40.3885 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(185, 175, 162)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 162)  
}
```

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(185, 175, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.8591, 43.5829, 40.3885 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(185, 175, 162) }
```


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

```
.border{ border-color:rgb(185, 175, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 175, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8591, 43.5829, 40.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 162) }
```

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

```
.background{ background-color: rgb(185,  
175, 162) }
```

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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