

Converting Colors

XYZ(42.9426, 41.0176, 43.1900)

Have a look what the booklet for
XYZ(42.9426, 41.0176, 43.1900)
contains.

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Color

**XYZ(42.9426, 41.0176,
43.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A4A9
RGB	195, 164, 169
RGB Percent	76%, 64%, 66%
CMY	0.2353, 0.3568, 0.3373
CMYK	0.00, 0.16, 0.13, 0.24
HSL	350°, 21%, 70%
HSV	350°, 16%, 76%
XYZ	42.9426, 41.0176, 43.1900
YIQ	173.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

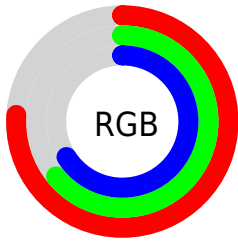
Format	Color
R_{YB}	195, 164, 169
Decimal	12821673
CIE _{Lab}	70.19, 12.16, 1.65
CIE _{LCh}	70, 12.276, 7.724
Yxy	41.0176, 0.3377, 0.3226
Android (android.graphics.Color)	4291011753 (0xFFC3A4A9)
YUV	173.8390, -2.3856, 18.5582
Hunter-Lab	64.0450, 7.6067, 4.8481

Details

The XYZ color **42.9426, 41.0176, 43.1900** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1209, 50.6415, 56.1671**, and the grayscale version is **40.1562, 42.2475, 46.0075**.

A 20% lighter version of the original color is **78.9309, 76.7403, 81.1733**, and **19.9896, 18.5354, 19.3538** is the 20% darker color. If you saturate the color by 10%, you get **38.2762, 33.9901, 34.5266**, and if you desaturate by 10%, it is **48.3385, 49.1957, 53.0453**.

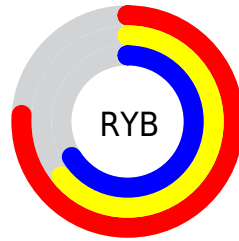
Distribution



Red (76%)

Green (64%)

Blue (66%)



Red (76%)

Yellow (64%)

Blue (66%)

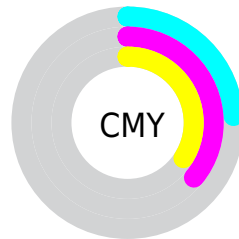


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9426, 41.0176, 43.1900 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 42.9426, 41.0176, 43.1900 by changing the saturation by 10% instead.


 42.9426, 41.0176,
43.1900


 42.9426, 41.0176,
43.1900


349.3012,
350.3942, 375.3367

 30.0344, 28.3328,
29.7017


 78.8805, 76.7106,
81.2869

 20.0129, 18.5767,
19.3622


 102.6409,
100.4876, 106.7327

 12.5127, 11.3648,
11.7528


130.7494,
128.7309, 137.0013

 7.1686, 6.3128,
6.4551

163.5714,
161.8248, 172.5113

 3.6150, 3.0362,
3.0505

201.4722,
200.1536, 213.6814

 1.4867, 1.1507,
1.1205

244.8172,

 0.3168, 0.0208,

244.1019, 260.9299

0.0000

293.9717,
294.0539, 314.6755

■ 0.0000, 0.0000,
0.0000

■ 42.9426, 41.0176,
43.1900

■ 42.9426, 41.0176,
43.1900

■ 38.2762, 33.9901,
34.5266

■ 48.3385, 49.1957,
53.0453

■ 34.3045, 28.0564,
27.0073

■ 54.4899, 58.5672,
64.1328

■ 30.9950, 23.1628,
20.5846

■ 61.4257, 69.1791,
76.4941

■ 28.3112, 19.2493,
15.2069

■ 69.1724, 81.0746,
90.1679

■ 26.2129, 16.2495,
10.8184

■ 75.6446, 90.0737,
104.4881

■ 24.6555, 14.0887,
7.3578

■ 76.3159, 90.3422,
108.0233

■ 23.5873, 12.6805,
4.7568

■ 22.9450, 11.9169,
2.9371

■ 22.7590, 11.7035,
2.3859

Harmonies

Analogous

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



42.6729, 41.0176, 48.9898



42.9426, 41.0176, 43.1900



42.1236, 41.0176, 38.2252

Triad

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



42.9426, 41.0176, 43.1900



36.6687, 41.0176, 36.4658



37.5392, 41.0176, 55.7068

Complementary

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



42.9426, 41.0176, 43.1900



44.1209, 50.6415, 56.1671

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.



36.0082, 41.0176, 51.7818



42.9426, 41.0176, 43.1900



35.5178, 41.0176, 40.5954

Square

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



42.9426, 41.0176, 43.1900



38.4689, 41.0176, 34.5663



35.2802, 41.0176, 46.1654



39.5078, 41.0176, 56.5519

Rectangle

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



42.9426, 41.0176, 43.1900



41.0865, 41.0176, 35.9412



35.2802, 41.0176, 46.1654



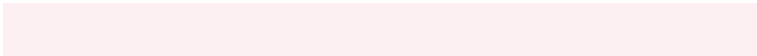
36.9584, 41.0176, 54.6886

Sweetspot

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



42.9437, 41.0194, 43.1909



87.4237, 89.4008, 96.5443



44.3207, 41.4187, 57.2889



18.9818, 19.3299, 20.8465



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.



42.9437, 41.0194, 43.1909



73.9273, 68.9604, 71.8449



44.4084, 44.6851, 41.4087



10.1379, 10.1038, 10.8170



14.8128, 7.6149, 1.6603



0.6613, 0.3375, 0.1837

Inverse Universe

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



42.9437, 41.0194, 43.1909



73.9273, 68.9604, 71.8449



42.4410, 46.3927, 58.3481



10.1379, 10.1038, 10.8170



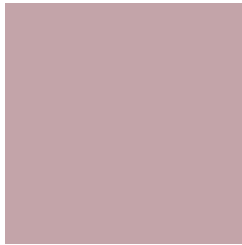
14.8128, 7.6149, 1.6603



0.6613, 0.3375, 0.1837

Previews

White Background



This preview shows how the XYZ color 42.9426, 41.0176, 43.1900 looks on a white background.

Color Contrast Check

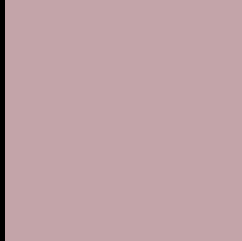
Large Text (above 18pt) WCAG AA × Fail

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 42.9426, 41.0176, 43.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

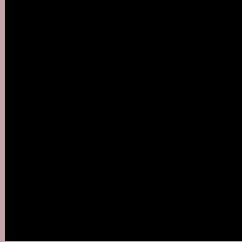
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9426, 41.0176, 43.1900

Background



This preview shows how black text looks on a background with the XYZ color 42.9426, 41.0176, 43.1900.



This preview shows how white text looks on a background with the XYZ color 42.9426, 41.0176,

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

42.9426, 41.0176, 43.1900

Protanopia

39.5613, 41.1416, 45.3912

Deuteranopia

41.7839, 40.9558, 43.2391



Tritanopia

43.6986, 41.0647, 46.6974

Trichromacy



Original Color

42.9426, 41.0176, 43.1900

Protanomaly

40.7404, 40.9289, 44.7825

Deuteranomaly

42.1024, 40.8512, 43.2022

Tritanomaly

43.4050, 40.9473, 45.1511

Monochromacy



Original Color

42.9426, 41.0176, 43.1900

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.1125, 41.6731, 44.9066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9426, 41.0176, 43.1900 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, 164, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 164, 169)  
}
```

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, 164, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 164, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.9426, 41.0176, 43.1900 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, 164, 169) }
```


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

```
.border{ border-color:rgb(195, 164, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 164, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 164, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 164, 169);  
box-shadow:4px 4px 4px 4px rgb(195, 164,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9426, 41.0176, 43.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 164, 169) }
```

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

```
.background{ background-color: rgb(195,  
164, 169) }
```

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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