

Converting Colors

XYZ(41.1600, 42.8940, 40.3203)

Have a look what the booklet for
XYZ(41.1600, 42.8940, 40.3203)
contains.

XYZ(41.1861, 42.9480, 40.3015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1861, 42.9480,
40.3015)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AEA2
RGB	183, 174, 162
RGB Percent	72%, 68%, 64%
CMY	0.2823, 0.3176, 0.3647
CMYK	0.00, 0.05, 0.11, 0.28
HSL	34°, 13%, 68%
HSV	34°, 11%, 72%
XYZ	41.1861, 42.9480, 40.3015
YIQ	175.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

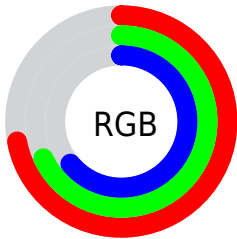
Format	Color
RYB	178, 183, 162
Decimal	12037794
CIELab	71.52, 1.12, 7.30
CIELCh	72, 7.383, 81.259
Yxy	42.9480, 0.3310, 0.3451
Android (android.graphics.Color)	4290227874 (0xFFB7AEA2)
YUV	175.3230, -6.5682, 6.7327
Hunter-Lab	65.5347, -2.5053, 9.4131

Details

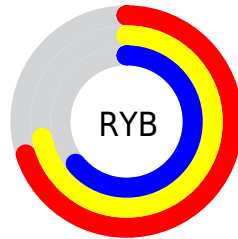
The XYZ color **41.1861, 42.9480, 40.3015** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0104, 40.2255, 50.5612**, and the grayscale version is **40.9455, 43.0778, 46.9118**.

A 20% lighter version of the original color is **76.1403, 79.3991, 76.9582**, and **18.9799, 19.7907, 17.5715** is the 20% darker color. If you saturate the color by 10%, you get **38.2060, 39.4041, 31.8581**, and if you desaturate by 10%, it is **44.4937, 46.7672, 50.0231**.

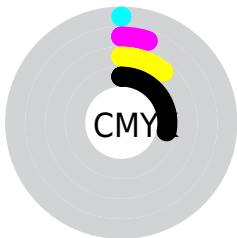
Distribution



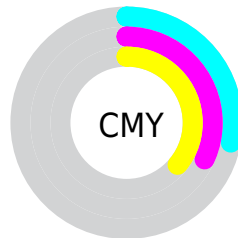
- Red (72%)
- Green (68%)
- Blue (64%)



- Red (70%)
- Yellow (72%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (28%)





- Cyan (28%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1861, 42.9480, 40.3015 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 41.1861, 42.9480, 40.3015 by changing the saturation by 10% instead.


 41.1861, 42.9480,
40.3015


 41.1861, 42.9480,
40.3015


342.1471,
358.3979, 362.9825

 28.6528, 29.8443,
27.4581


 76.2392, 79.6324,
76.8645

 18.9613, 19.7205,
17.6821


 99.4898, 103.9819,
101.4212

 11.7462, 12.1920,
10.5549


127.0436,
132.8488, 130.7195

 6.6420, 6.8746,
5.6580

159.2659,
166.6174, 165.1778

 3.2836, 3.3838,
2.5729

196.5220,
205.6723, 205.2147

 1.3054, 1.3352,
0.8784

239.1773,

 0.1873, 0.1682,

250.3977, 251.2488

0.0000

287.5973,
301.1781, 303.6985

■ 0.0000, 0.0000,
0.0000

■ 41.1861, 42.9480,
40.3015

■ 41.1861, 42.9480,
40.3015

■ 38.2060, 39.4041,
31.8581

■ 44.4937, 46.7672,
50.0231

■ 35.5383, 36.1229,
24.6360

■ 48.1364, 50.8628,
61.0710

■ 33.1716, 33.0987,
18.5782

■ 52.1258, 55.2431,
73.4943

■ 31.0926, 30.3236,
13.6217

■ 56.4718, 59.9145,
87.3384

■ 29.2867, 27.7893,
9.6979

■ 61.1841, 64.8827,
102.6471

■ 27.7378, 25.4867,
6.7301

■ 63.4469, 69.0238,
104.5867

■ 26.4276, 23.4056,
4.6307

■ 65.5660, 73.2621,
105.2931

■ 25.3347, 21.5346,
3.2960

■ 67.7832, 77.6964,
106.0321

■ 24.5397, 20.0894,
2.5843

■ 70.0995, 82.3290,
106.8042

Harmonies

Analogous

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



42.3391, 42.9480, 41.6109



41.1861, 42.9480, 40.3015



39.9579, 42.9480, 40.6533

Triad

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



41.1861, 42.9480, 40.3015



38.6276, 42.9480, 49.2963



42.7189, 42.9480, 51.1915

Complementary

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



41.1861, 42.9480, 40.3015



38.0104, 40.2255, 50.5612

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.



41.6960, 42.9480, 53.4562



41.1861, 42.9480, 40.3015



39.3392, 42.9480, 52.3239

Square

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



41.1861, 42.9480, 40.3015



38.4974, 42.9480, 45.7277



40.4576, 42.9480, 53.8808



43.2358, 42.9480, 47.8140

Rectangle

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



41.1861, 42.9480, 40.3015



39.2605, 42.9480, 41.7905



40.4576, 42.9480, 53.8808



42.4218, 42.9480, 52.1152

Sweetspot

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



41.1873, 42.9499, 40.3024



78.7150, 82.6493, 86.6932



39.8096, 38.8527, 43.9798



17.2771, 18.1304, 18.8255



88.6918, 93.3107, 101.6153



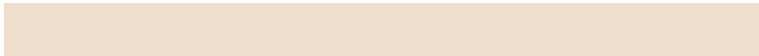
17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1873, 42.9499, 40.3024



72.2361, 75.1235, 67.7877



42.6527, 46.3726, 40.8858



9.4192, 9.8414, 9.5100



17.1883, 14.1529, 1.8259



0.6660, 0.6191, 0.0844

Inverse Universe

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



38.0104, 40.2255, 50.5612



65.3121, 69.1858, 90.1476



36.6545, 37.0891, 50.0273



8.8290, 9.3352, 11.4160



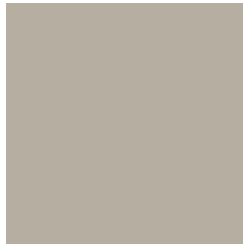
7.9485, 6.3567, 32.0611



0.3419, 0.3474, 1.1508

Previews

White Background



This preview shows how the XYZ color 41.1861, 42.9480, 40.3015 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 41.1861, 42.9480, 40.3015 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

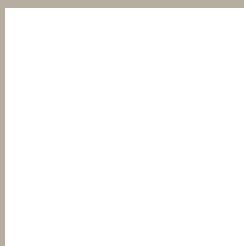
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1861, 42.9480, 40.3015

Background



This preview shows how black text looks on a background with the XYZ color 41.1861, 42.9480, 40.3015.

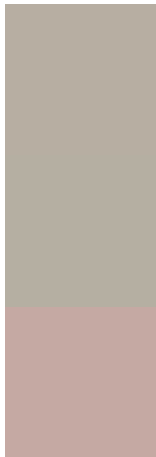


This preview shows how white text looks on a background with the XYZ color 41.1861, 42.9480,

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

41.1861, 42.9480, 40.3015

Protanopia

40.9076, 43.0923, 40.3440

Deuteranopia

43.8248, 42.8906, 40.6192



Tritanopia

43.4643, 43.0256, 51.3614

Trichromacy



Original Color

41.1861, 42.9480, 40.3015

Protanomaly

41.1430, 43.2137, 40.3550

Deuteranomaly

42.9120, 42.9766, 40.6839

Tritanomaly

42.5966, 42.9539, 47.1202

Monochromacy



Original Color

41.1861, 42.9480, 40.3015

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9458, 43.0272, 44.1772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1861, 42.9480, 40.3015 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(183, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 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(183, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.1861, 42.9480, 40.3015 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(183, 174, 162) }
```


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

```
.border{ border-color:rgb(183, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1861, 42.9480, 40.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 162) }
```

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

```
.background{ background-color: rgb(183,  
174, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor