

# Converting Colors

XYZ(40.8966, 42.7028, 40.8583)

Have a look what the booklet for  
XYZ(40.8966, 42.7028, 40.8583)  
contains.

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# Color

**XYZ(41.0383, 42.8615,  
40.7605)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6AEA3
RGB	182, 174, 163
RGB Percent	71%, 68%, 64%
CMY	0.2863, 0.3176, 0.3608
CMYK	0.00, 0.04, 0.10, 0.29
HSL	35°, 12%, 68%
HSV	35°, 10%, 71%
XYZ	41.0383, 42.8615, 40.7605
YIQ	175.1380, 8.2990, -1.7250

# Conversions

## Conversions Part 2

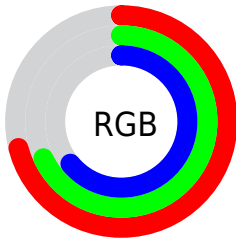
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 182, 163
Decimal	11972259
CIELab	71.46, 0.92, 6.65
CIELCh	71, 6.716, 82.107
Yxy	42.8615, 0.3292, 0.3438
Android (android.graphics.Color)	4290162339 (0xFFB6AEA3)
YUV	175.1380, -5.9840, 6.0180
Hunter-Lab	65.4687, -2.6795, 8.9144

# Details

The XYZ color **41.0383, 42.8615, 40.7605** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1106, 40.2891, 50.0243**, and the grayscale version is **40.8469, 42.9742, 46.7989**.

A 20% lighter version of the original color is **75.9341, 79.2777, 77.6296**, and **18.8820, 19.7339, 17.8528** is the 20% darker color. If you saturate the color by 10%, you get **38.0860, 39.3812, 32.3018**, and if you desaturate by 10%, it is **44.3121, 46.6082, 50.4853**.

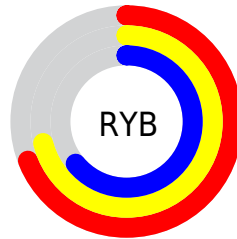
# Distribution



Red (71%)

Green (68%)

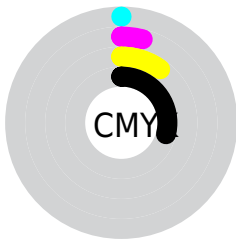
Blue (64%)



Red (69%)

Yellow (71%)

Blue (64%)

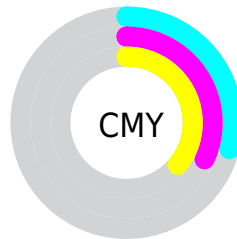


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0383, 42.8615, 40.7605 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 41.0383, 42.8615, 40.7605 by changing the saturation by 10% instead.



■ 41.0383, 42.8615,  
40.7605

■ 41.0383, 42.8615,  
40.7605

341.5405,  
358.0419, 364.9656

■ 28.5368, 29.7765,  
27.8137

■ 76.0164, 79.5018,  
77.5699

■ 18.8732, 19.6690,  
17.9475

■ 99.2237, 103.8259,  
102.2696

■ 11.6822, 12.1547,  
10.7432

126.7303,  
132.6651, 131.7240

■ 6.5983, 6.8491,  
5.7824

158.9016,  
166.4038, 166.3516

■ 3.2563, 3.3679,  
2.6466

196.1029,  
205.4265, 206.5711

■ 1.2907, 1.3267,  
0.9164

238.6996,

■ 0.1762, 0.1617,

250.1174, 252.8009

0.0000

287.0570,  
300.8611, 305.4595

0.0000, 0.0000,  
0.0000

41.0383, 42.8615,  
40.7605

41.0383, 42.8615,  
40.7605

38.0860, 39.3812,  
32.3018

44.3121, 46.6082,  
50.4853

35.4404, 36.1550,  
25.0534

47.9145, 50.6223,  
61.5233

33.0903, 33.1776,  
18.9594

51.8571, 54.9117,  
73.9225

31.0229, 30.4414,  
13.9585

56.1494, 59.4824,  
87.7278

29.2239, 27.9383,  
9.9834

60.8009, 64.3402,  
102.9818

■ 27.6778, 25.6597,  
6.9596

■ 62.9254, 68.3327,  
104.4808

■ 26.3668, 23.5958,  
4.8020

■ 64.9817, 72.4454,  
105.1662

■ 25.2704, 21.7359,  
3.4104

■ 67.1313, 76.7446,  
105.8827

■ 24.3841, 20.1303,  
2.6003

■ 69.3754, 81.2328,  
106.6308

# Harmonies

## Analogous

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



42.0906, 42.8615, 41.9186



41.0383, 42.8615, 40.7605



39.9246, 42.8615, 41.1265

# Triad

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



41.0383, 42.8615, 40.7605



38.7543, 42.8615, 49.0553



42.4812, 42.8615, 50.6046

# Complementary

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



41.0383, 42.8615, 40.7605



38.1106, 40.2891, 50.0243

# 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.



41.5635, 42.8615, 52.6881



41.0383, 42.8615, 40.7605



39.4158, 42.8615, 51.7651

# Square

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



41.0383, 42.8615, 40.7605



38.6196, 42.8615, 45.8178



40.4403, 42.8615, 53.1223



42.9336, 42.8615, 47.5304



# Rectangle

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



41.0383, 42.8615, 40.7605



39.2959, 42.8615, 42.1937



40.4403, 42.8615, 53.1223



42.2161, 42.8615, 51.4498

# Sweetspot

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



41.0395, 42.8634, 40.7614



78.7302, 82.6799, 86.6983



39.7621, 39.0893, 44.0946



17.2814, 18.1389, 18.8269



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.



41.0395, 42.8634, 40.7614



72.8573, 75.9074, 69.4085



42.3329, 45.8923, 41.2779



9.4249, 9.8527, 9.5119



17.2865, 14.3494, 1.8586



0.6692, 0.6254, 0.0855



# Inverse Universe

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



38.1106, 40.2891, 50.0243



66.2594, 70.1085, 90.2758



36.9062, 37.4934, 49.5482



8.8234, 9.3240, 11.4141



7.8799, 6.2195, 32.0382



0.3393, 0.3423, 1.1499



# Previews

## White Background



This preview shows how the XYZ color 41.0383, 42.8615, 40.7605 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

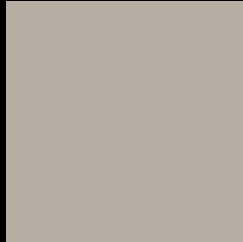
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 41.0383, 42.8615, 40.7605 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

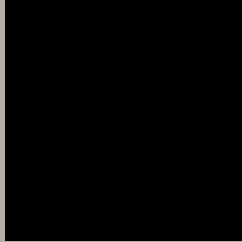
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 41.0383, 42.8615, 40.7605

## Background



This preview shows how black text looks on a background with the XYZ color 41.0383, 42.8615, 40.7605.



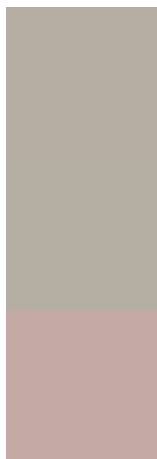
This preview shows how white text looks on a background with the XYZ color 41.0383, 42.8615,

40.7605.

# 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

41.0383, 42.8615, 40.7605

### Protanopia

40.8030, 42.7402, 40.7495

### Deuteranopia

43.6538, 42.7920, 41.0808



## Tritanopia

43.2222, 42.9008, 51.3500

# Trichromacy



## Original Color

41.0383, 42.8615, 40.7605

## Protanomaly

40.8030, 42.7402, 40.7495

## Deuteranomaly

42.7496, 42.8825, 41.1460

## Tritanomaly

42.3562, 42.8300, 47.1089

# Monochromacy



## Original Color

41.0383, 42.8615, 40.7605

## Achromatopsia

40.7470, 42.8690, 46.6844

## Achromatomaly

41.0408, 43.0652, 44.6774

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.0383, 42.8615, 40.7605 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(182, 174, 163)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 163)  
}
```

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(182, 174, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 163) }
```

## Border

The CSS property to change the border of an element to XYZ 41.0383, 42.8615, 40.7605 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(182, 174, 163) }
```



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

```
.border{ border-color:rgb(182, 174, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 163);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
163) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.0383, 42.8615, 40.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 163) }
```

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

```
.background{ background-color: rgb(182,  
174, 163) }
```

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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