

# Converting Colors

XYZ(40.7552, 40.3596, 44.0284)

Have a look what the booklet for  
XYZ(40.7552, 40.3596, 44.0284)  
contains.

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# Color

**XYZ(40.7541, 40.4031,  
44.1787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8A6AB
RGB	184, 166, 171
RGB Percent	72%, 65%, 67%
CMY	0.2784, 0.3490, 0.3294
CMYK	0.00, 0.10, 0.07, 0.28
HSL	343°, 11%, 69%
HSV	343°, 10%, 72%
XYZ	40.7541, 40.4031, 44.1787
YIQ	171.9520, 9.1230, 5.3710

# Conversions

## Conversions Part 2

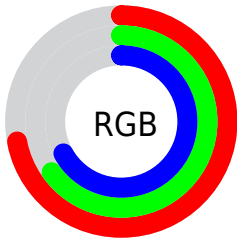
Format	Color
<b>RYB</b>	184, 166, 171
Decimal	12101291
CIELab	69.76, 7.40, -0.21
CIElCh	70, 7.401, 358.384
Yxy	40.4031, 0.3252, 0.3224
Android (android.graphics.Color)	4290291371 (0xFFB8A6AB)
YUV	171.9520, -0.4693, 10.5661
Hunter-Lab	63.5634, 3.2104, 3.2859

# Details

The XYZ color **40.7541, 40.4031, 44.1787** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0046, 45.6437, 49.2991**, and the grayscale version is **39.1885, 41.2293, 44.8987**.

A 20% lighter version of the original color is **75.5191, 75.7292, 82.5884**, and **18.7072, 18.1918, 19.9782** is the 20% darker color. If you saturate the color by 10%, you get **36.4420, 33.7050, 36.8020**, and if you desaturate by 10%, it is **45.6745, 48.1128, 52.3877**.

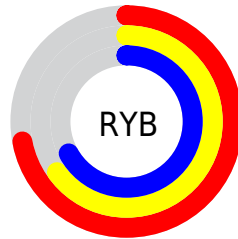
# Distribution



Red (72%)

Green (65%)

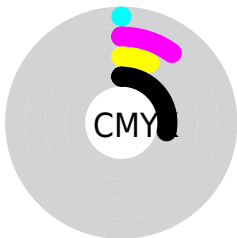
Blue (67%)



Red (72%)

Yellow (65%)

Blue (67%)

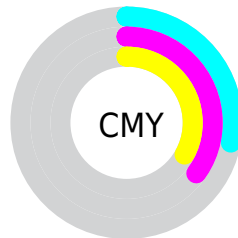


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (35%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7541, 40.4031, 44.1787 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 40.7541, 40.4031, 44.1787 by changing the saturation by 10% instead.




 40.7541, 40.4031,  
44.1787


 40.7541, 40.4031,  
44.1787


340.3720,  
347.8197, 379.4997

 28.3138, 27.8530,  
30.4728


 75.5875, 75.7769,  
82.7919

 18.7040, 18.2149,  
19.9426


 98.7114, 99.3695,  
108.5363

 11.5593, 11.1044,  
12.1697


126.1272,  
127.4116, 139.1306

 6.5144, 6.1371,  
6.7354

158.2002,  
160.2876, 174.9934

 3.2039, 2.9286,  
3.2213

195.2958,  
198.3821, 216.5431

 1.2625, 1.0946,  
1.2087

237.7794,

 0.1549, 0.0000,

242.0793, 264.1984

0.0000

286.0164,  
291.7637, 318.3777

■ 0.0000, 0.0000,  
0.0000

■ 40.7541, 40.4031,  
44.1787

■ 40.7541, 40.4031,  
44.1787

■ 36.4420, 33.7050,  
36.8020

■ 45.6745, 48.1128,  
52.3877

■ 32.7107, 27.9713,  
30.2285

■ 51.2223, 56.8682,  
61.4518

■ 29.5359, 23.1588,  
24.4313

■ 57.4202, 66.7085,  
71.3957

■ 26.8899, 19.2191,  
19.3808

■ 64.2885, 77.6691,  
82.2428

■ 24.7429, 16.0991,  
15.0455

■ 70.8805, 87.8517,  
93.6933

■ 23.0617, 13.7403,  
11.3915

■ 72.9005, 88.6597,  
104.3305

■ 21.8091, 12.0758,  
8.3819

■ 73.5774, 88.9305,  
107.8951

■ 20.9416, 11.0274,  
5.9759

■ 20.3777, 10.4416,  
4.1174

# Harmonies

## Analogous

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



40.3999, 40.4031, 47.5468



40.7541, 40.4031, 44.1787



40.4672, 40.4031, 40.9259

# Triad

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



40.7541, 40.4031, 44.1787



37.3158, 40.4031, 38.4324



37.2054, 40.4031, 49.8608

# Complementary

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



40.7541, 40.4031, 44.1787



41.0046, 45.6437, 49.2991

# 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.



36.4081, 40.4031, 47.2077



40.7541, 40.4031, 44.1787



36.4710, 40.4031, 40.6191

# Square

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



40.7541, 40.4031, 44.1787



38.4670, 40.4031, 37.7136



36.1421, 40.4031, 43.8060



38.3369, 40.4031, 50.9314



# Rectangle

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



40.7541, 40.4031, 44.1787



39.9543, 40.4031, 39.2359



36.1421, 40.4031, 43.8060



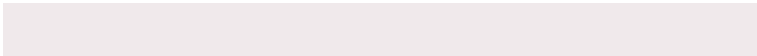
36.8903, 40.4031, 49.1179

# Sweetspot

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



40.7552, 40.4049, 44.1796



79.7576, 82.4426, 89.9326



40.8566, 40.3068, 50.9746



17.0370, 17.5266, 19.1263



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.



40.7552, 40.4049, 44.1796



71.8877, 70.1399, 76.7137



41.0074, 41.6572, 41.9579



9.1043, 9.0521, 9.8969



14.0629, 7.1989, 2.9520



0.5229, 0.2646, 0.2472



# Inverse Universe

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



40.7552, 40.4049, 44.1796



71.8877, 70.1399, 76.7137



40.7205, 44.2518, 51.7432



9.1043, 9.0521, 9.8969



14.0629, 7.1989, 2.9520

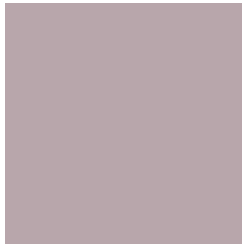


0.5229, 0.2646, 0.2472



# Previews

## White Background



This preview shows how the XYZ color 40.7541, 40.4031, 44.1787 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

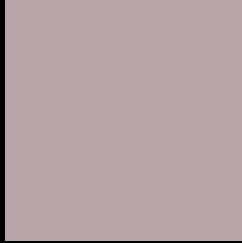
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 40.7541, 40.4031, 44.1787 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 40.7541, 40.4031, 44.1787**

## **Background**



This preview shows how black text looks on a background with the XYZ color 40.7541, 40.4031, 44.1787.



This preview shows how white text looks on a background with the XYZ color 40.7541, 40.4031,



# 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

40.7541, 40.4031, 44.1787

### Protanopia

39.1511, 40.6508, 45.3181

### Deuteranopia

41.0555, 40.2896, 44.1409



## Tritanopia

41.4986, 40.4389, 47.7378

# Trichromacy



## Original Color

40.7541, 40.4031, 44.1787

## Protanomaly

39.7658, 40.7016, 44.7900

## Deuteranomaly

40.8134, 40.1648, 44.1296

## Tritanomaly

41.2006, 40.3197, 46.1684

# Monochromacy



## Original Color

40.7541, 40.4031, 44.1787

## Achromatopsia

39.2122, 41.2543, 44.9259

## Achromatomaly

39.7256, 40.9581, 44.8417

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 40.7541, 40.4031, 44.1787 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(184, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 166, 171)  
}
```

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(184, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 166, 171) }
```

## Border

The CSS property to change the border of an element to XYZ 40.7541, 40.4031, 44.1787 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(184, 166, 171) }
```



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

```
.border{ border-color:rgb(184, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 166,  
171) }
```

# Background

The CSS property to change the background color of an element to XYZ 40.7541, 40.4031, 44.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 166, 171) }
```

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

```
.background{ background-color: rgb(184,  
166, 171) }
```

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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