

Converting Colors

XYZ(40.3010, 41.4311, 36.6677)

Have a look what the booklet for
XYZ(40.3010, 41.4311, 36.6677)
contains.

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Color

**XYZ(40.2987, 41.4303,
36.8832)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AA9B
RGB	185, 170, 155
RGB Percent	73%, 67%, 61%
CMY	0.2745, 0.3333, 0.3922
CMYK	0.00, 0.08, 0.16, 0.27
HSL	30°, 18%, 67%
HSV	30°, 16%, 73%
XYZ	40.2987, 41.4303, 36.8832
YIQ	172.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

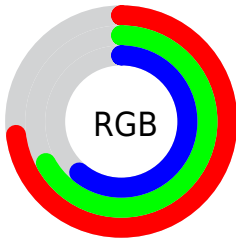
Format	Color
R_{YB}	185, 185, 155
Decimal	12167835
CIE Lab	70.48, 2.88, 9.68
CIE LCh	70, 10.099, 73.419
Yxy	41.4303, 0.3398, 0.3493
Android (android.graphics.Color)	4290357915 (0xFFB9AA9B)
YUV	172.7750, -8.7631, 10.7213
Hunter-Lab	64.3664, -0.8853, 11.0821

Details

The XYZ color **40.2987, 41.4303, 36.8832** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6490, 39.2199, 51.5379**, and the grayscale version is **39.6451, 41.7097, 45.4219**.

A 20% lighter version of the original color is **74.7095, 77.1546, 71.2763**, and **18.4928, 18.8619, 15.7627** is the 20% darker color. If you saturate the color by 10%, you get **37.1898, 37.5111, 28.7600**, and if you desaturate by 10%, it is **43.7699, 45.6924, 46.3026**.

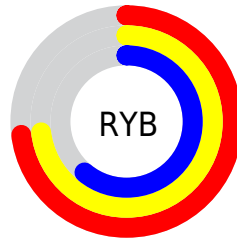
Distribution



Red (73%)

Green (67%)

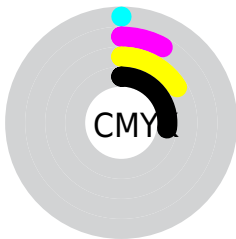
Blue (61%)



Red (73%)

Yellow (73%)

Blue (61%)

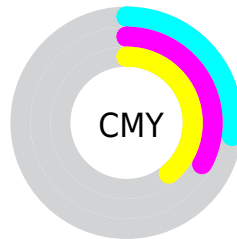


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2987, 41.4303, 36.8832 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 40.2987, 41.4303, 36.8832 by changing the saturation by 10% instead.


 40.2987, 41.4303,
36.8832


 40.2987, 41.4303,
36.8832


338.4938,
352.1158, 347.9580

 27.9568, 28.6555,
24.8220


 74.8996, 77.3367,
71.5774

 18.4334, 18.8203,
15.7267

 97.8893, 101.2370,
95.0475

 11.3631, 11.5405,
9.1787


125.1589,
129.6146, 123.1577

 6.3807, 6.4316,
4.7595

157.0738,
162.8539, 156.3264

 3.1208, 3.1093,
2.0506

193.9994,
201.3393, 194.9723

 1.2180, 1.1891,
0.5861

236.3011,

 0.1205, 0.0527,

245.4552, 239.5138

0.0000

284.3441,
295.5859, 290.3695

■ 0.0000, 0.0000,
0.0000

■ 40.2987, 41.4303,
36.8832

■ 40.2987, 41.4303,
36.8832

■ 37.1898, 37.5111,
28.7600

■ 43.7699, 45.6924,
46.3026

■ 34.4265, 33.9198,
21.8726

■ 47.6126, 50.3007,
57.0695

■ 31.9958, 30.6487,
16.1598

■ 51.8397, 55.2655,
69.2359

■ 29.8824, 27.6872,
11.5540

■ 56.4626, 60.5951,
82.8500

■ 28.0694, 25.0244,
7.9806

■ 61.4920, 66.2973,
97.9577

■ 26.5383, 22.6481,
5.3558

■ 65.1159, 71.6507,
105.0057

■ 25.2678, 20.5450,
3.5821

■ 67.6914, 76.8016,
105.8642

■ 24.2310, 18.6996,
2.5333

■ 70.4044, 82.2277,
106.7686

■ 23.8803, 18.0596,
2.2272

■ 73.2571, 87.9330,
107.7195

Harmonies

Analogous

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



41.7491, 41.4303, 39.0989



40.2987, 41.4303, 36.8832



38.6401, 41.4303, 36.7689

Triad

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



40.2987, 41.4303, 36.8832



36.3463, 41.4303, 47.2715



41.6194, 41.4303, 52.1015

Complementary

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



40.2987, 41.4303, 36.8832



36.6490, 39.2199, 51.5379

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.



40.1257, 41.4303, 54.6271



40.2987, 41.4303, 36.8832



37.0989, 41.4303, 51.7088

Square

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



40.2987, 41.4303, 36.8832



36.3896, 41.4303, 42.5450



38.4719, 41.4303, 54.4785



42.5262, 41.4303, 47.7772

Rectangle

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



40.2987, 41.4303, 36.8832



37.6416, 41.4303, 37.8840



38.4719, 41.4303, 54.4785



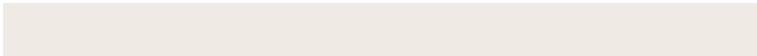
41.1675, 41.4303, 53.2022

Sweetspot

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



40.2998, 41.4321, 36.8841



79.1375, 82.7385, 84.9907



38.9851, 36.6598, 43.0520



16.9613, 17.7167, 18.0480



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.



40.2998, 41.4321, 36.8841



70.3845, 71.9666, 61.3127



43.2733, 47.3791, 37.8752



9.3657, 9.7343, 9.4922



16.3332, 12.4427, 1.5408



0.6377, 0.5624, 0.0749

Inverse Universe

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



36.6490, 39.2199, 51.5379



62.7651, 67.3495, 91.8963



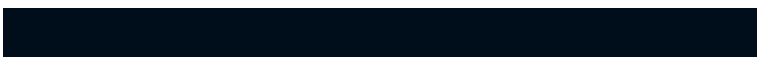
33.9964, 33.9146, 50.6536



8.8820, 9.4412, 11.4336



8.6698, 7.7992, 32.3015



0.3675, 0.3987, 1.1593

Previews

White Background



This preview shows how the XYZ color 40.2987, 41.4303, 36.8832 looks on a white background.

Color Contrast Check

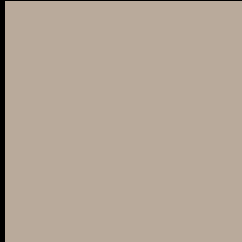
Large Text (above 18pt) WCAG AA × Fail

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 40.2987, 41.4303, 36.8832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

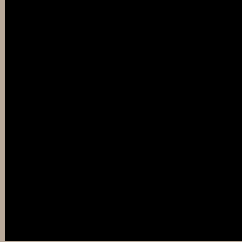
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2987, 41.4303, 36.8832

Background



This preview shows how black text looks on a background with the XYZ color 40.2987, 41.4303, 36.8832.



This preview shows how white text looks on a background with the XYZ color 40.2987, 41.4303,

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

40.2987, 41.4303, 36.8832

Protanopia

39.3437, 41.4891, 37.3870

Deuteranopia

42.1426, 41.2748, 37.1982



Tritanopia

42.5119, 41.2185, 48.3632

Trichromacy



Original Color

40.2987, 41.4303, 36.8832

Protanomaly

39.6197, 41.3499, 37.3456

Deuteranomaly

41.3053, 41.1141, 37.2113

Tritanomaly

41.5679, 41.1045, 43.7733

Monochromacy



Original Color

40.2987, 41.4303, 36.8832

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.7669, 41.6053, 42.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2987, 41.4303, 36.8832 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, 170, 155)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 155)  
}
```

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, 170, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.2987, 41.4303, 36.8832 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, 170, 155) }
```


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

```
.border{ border-color:rgb(185, 170, 155) }
```

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

Here you see how a box with a 4 pixel rgb(185, 170, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 155);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2987, 41.4303, 36.8832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 155) }
```

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

```
.background{ background-color: rgb(185,  
170, 155) }
```

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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