

Converting Colors

XYZ(40.2669, 41.3439, 35.9956)

Have a look what the booklet for
XYZ(40.2669, 41.3439, 35.9956)
contains.

XYZ(40.3742, 41.4885, 36.0171)	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(40.3742, 41.4885,
36.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAA99
RGB	186, 170, 153
RGB Percent	73%, 67%, 60%
CMY	0.2706, 0.3333, 0.4000
CMYK	0.00, 0.09, 0.18, 0.27
HSL	31°, 19%, 66%
HSV	31°, 18%, 73%
XYZ	40.3742, 41.4885, 36.0171
YIQ	172.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

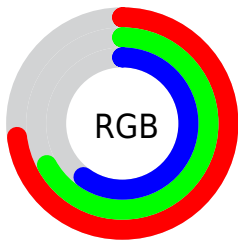
Format	Color
RYB	184, 186, 153
Decimal	12233369
CIELab	70.52, 2.94, 10.85
CIELCh	71, 11.240, 74.828
Yxy	41.4885, 0.3425, 0.3520
Android (android.graphics.Color)	4290423449 (0xFFBAAA99)
YUV	172.8460, -9.7841, 11.5361
Hunter-Lab	64.4116, -0.8336, 11.9348

Details

The XYZ color **40.3742, 41.4885, 36.0171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1875, 38.6924, 52.0158**, and the grayscale version is **39.6859, 41.7526, 45.4686**.

A 20% lighter version of the original color is **74.8056, 77.2327, 69.9962**, and **18.5496, 18.9027, 15.2413** is the 20% darker color. If you saturate the color by 10%, you get **37.3238, 37.6574, 28.0027**, and if you desaturate by 10%, it is **43.7822, 45.6510, 45.3332**.

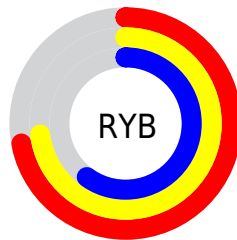
Distribution



Red (73%)

Green (67%)

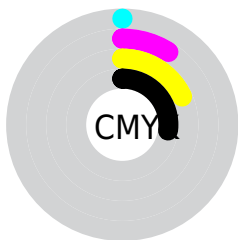
Blue (60%)



Red (72%)

Yellow (73%)

Blue (60%)

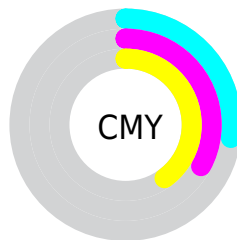


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3742, 41.4885, 36.0171 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 40.3742, 41.4885, 36.0171 by changing the saturation by 10% instead.


 40.3742, 41.4885,
36.0171


 40.3742, 41.4885,
36.0171


338.8057,
352.3582, 344.0749

 28.0159, 28.7010,
24.1576


 75.0137, 77.4249,
70.2278

 18.4782, 18.8547,
15.2373


 98.0257, 101.3426,
93.4161

 11.3956, 11.5654,
8.8376


125.3196,
129.7391, 121.2177

 6.4028, 6.4485,
4.5401

157.2608,
162.9989, 154.0512

 3.1345, 3.1196,
1.9261

194.2146,
201.5062, 192.3352

 1.2253, 1.1945,
0.5092

236.5465,

 0.1262, 0.0572,

245.6457, 236.4881

0.0000

284.6217,
295.8015, 286.9285

■ 0.0000, 0.0000,
0.0000

■ 40.3742, 41.4885,
36.0171

■ 40.3742, 41.4885,
36.0171

■ 37.3238, 37.6574,
28.0027

■ 43.7822, 45.6510,
45.3332

■ 34.6145, 34.1431,
21.2283

■ 47.5572, 50.1479,
56.0036

■ 32.2328, 30.9379,
15.6313

■ 51.7121, 54.9893,
68.0813

■ 30.1635, 28.0317,
11.1421

■ 56.2583, 60.1832,
81.6153

■ 28.3895, 25.4136,
7.6841

■ 61.2067, 65.7372,
96.6526

■ 26.8920, 23.0718,
5.1706

■ 64.9826, 71.0247,
104.8919

■ 25.6490, 20.9932,
3.5004

■ 67.4718, 76.0032,
105.7217

■ 24.6290, 19.1607,
2.5209

■ 70.0915, 81.2426,
106.5949

■ 24.4181, 18.7758,
2.3371

■ 72.8435, 86.7466,
107.5123

Harmonies

Analogous

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



42.0170, 41.4885, 38.3502



40.3742, 41.4885, 36.0171



38.5280, 41.4885, 36.0034

Triad

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



40.3742, 41.4885, 36.0171



36.0860, 41.4885, 47.8381



42.0012, 41.4885, 52.8107

Complementary

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



40.3742, 41.4885, 36.0171



36.1875, 38.6924, 52.0158

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.



40.3532, 41.4885, 55.7827



40.3742, 41.4885, 36.0171



36.9583, 41.4885, 52.7626

Square

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



40.3742, 41.4885, 36.0171



36.0912, 41.4885, 42.5535



38.5077, 41.4885, 55.7644



42.9762, 41.4885, 47.8997

Rectangle

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



40.3742, 41.4885, 36.0171



37.4319, 41.4885, 37.2988



38.5077, 41.4885, 55.7644



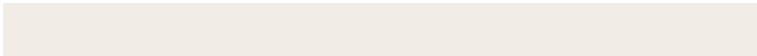
41.5053, 41.4885, 54.0861

Sweetspot

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



40.3753, 41.4904, 36.0180



81.1107, 84.8516, 87.0672



38.8498, 36.1055, 42.7046



17.7584, 18.5616, 18.8833



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.3753, 41.4904, 36.0180



71.1147, 72.6304, 59.7792



43.5587, 47.8571, 37.0791



9.3770, 9.7569, 9.4960



16.5030, 12.7824, 1.5975



0.6435, 0.5740, 0.0769

Inverse Universe

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



36.1875, 38.6924, 52.0158



62.2109, 66.6819, 93.7934



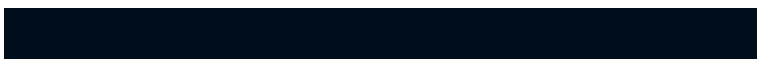
33.3915, 33.1005, 51.0838



8.8707, 9.4187, 11.4299



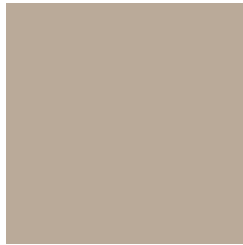
8.5060, 7.4717, 32.2469



0.3619, 0.3874, 1.1575

Previews

White Background



This preview shows how the XYZ color 40.3742, 41.4885, 36.0171 looks on a white background.

Color Contrast Check

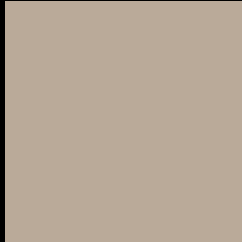
Large Text (above 18pt) WCAG AA × Fail

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 40.3742, 41.4885, 36.0171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

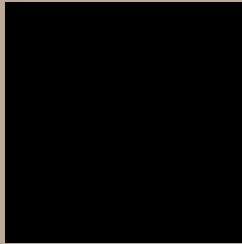
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

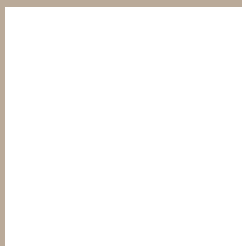
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3742, 41.4885, 36.0171

Background



This preview shows how black text looks on a background with the XYZ color 40.3742, 41.4885, 36.0171.



This preview shows how white text looks on a background with the XYZ color 40.3742, 41.4885,

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

40.3742, 41.4885, 36.0171

Protanopia

39.4076, 41.5414, 36.5131

Deuteranopia

42.2339, 41.3413, 36.3256



Tritanopia

42.7592, 41.3459, 48.3747

Trichromacy



Original Color

40.3742, 41.4885, 36.0171

Protanomaly

39.6870, 41.4040, 36.4719

Deuteranomaly

41.3897, 41.1770, 36.3383

Tritanomaly

41.8135, 41.2311, 43.7848

Monochromacy



Original Color

40.3742, 41.4885, 36.0171

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9956, 41.7232, 42.0218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3742, 41.4885, 36.0171 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(186, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(186, 170, 153)  
}
```

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(186, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 170, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.3742, 41.4885, 36.0171 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(186, 170, 153) }
```


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

```
.border{ border-color:rgb(186, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(186, 170,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3742, 41.4885, 36.0171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 170, 153) }
```

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

```
.background{ background-color: rgb(186,  
170, 153) }
```

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