

Converting Colors

$Y_{xy}(40.7038, 0.3499, 0.3631)$

Have a look what the booklet for
Yxy(40.7038, 0.3499, 0.3631)
contains.

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Color

Yxy(40.7038, 0.3499, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	B9A990
RGB	185, 169, 144
RGB Percent	73%, 66%, 56%
CMY	0.2746, 0.3372, 0.4353
CMYK	0.00, 0.09, 0.22, 0.27
HSL	37°, 23%, 65%
HSV	37°, 22%, 73%
XYZ	39.2241, 40.7038, 32.1729
YIQ	170.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

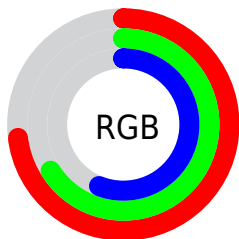
Format	Color
R_{YB}	170, 185, 144
Decimal	12167568
CIE _{Lab}	69.97, 1.70, 15.01
CIE _{LCh}	70, 15.106, 83.521
Yxy	40.7038, 0.3499, 0.3631
Android (android.graphics.Color)	4290357648 (0xFFB9A990)
YUV	170.9340, -13.2785, 12.3359
Hunter-Lab	63.7995, -1.9070, 14.7608

Details

The Yxy color **40.7038, 0.3499, 0.3631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5560, 0.2777, 0.2924**, and the grayscale version is **40.7503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0893, 0.3425, 0.3564**, and **18.3560, 0.3599, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **37.5785, 0.3696, 0.3792**, and if you desaturate by 10%, it is **44.0732, 0.3320, 0.3473**.

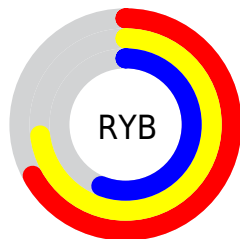
Distribution



Red (73%)

Green (66%)

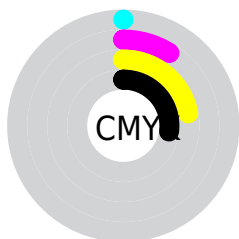
Blue (56%)



Red (67%)

Yellow (73%)

Blue (56%)

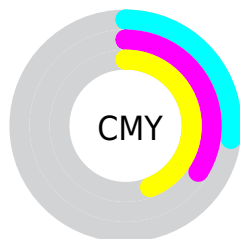


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7038, 0.3499, 0.3631 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 Yxy color 40.7038, 0.3499, 0.3631 by changing the saturation by 10% instead.

 40.7038, 0.3499,
0.3631


 40.7038, 0.3499,
0.3631


349.0811, 0.3309,
0.3458

 28.0877, 0.3548,
0.3675


 76.2340, 0.3429,
0.3568

 18.3918, 0.3611,
0.3732


 99.9170, 0.3403,
0.3544

 11.2316, 0.3696,
0.3807


128.0577, 0.3381,
0.3524

 6.2229, 0.3817,
0.3914

161.0405, 0.3362,
0.3507

 2.9811, 0.3999,
0.4071

199.2499, 0.3346,
0.3492

 1.1219, 0.4669,
0.4694

243.0702, 0.3332,

 0.0000, 1.0000,

0.3479

0.0000

292.8858, 0.3320,
0.3468

0.0000, 0.0000,
0.0000

40.7038, 0.3499,
0.3631

40.7038, 0.3499,
0.3631

37.5785, 0.3696,
0.3792

44.0732, 0.3320,
0.3473

34.6848, 0.3908,
0.3951

47.6875, 0.3159,
0.3321

32.0173, 0.4132,
0.4099

51.5550, 0.3016,
0.3179

29.5682, 0.4361,
0.4225

55.6814, 0.2889,
0.3046

27.3289, 0.4583,
0.4320

60.0724, 0.2777,
0.2924

■ 25.2900, 0.4789,
0.4371

■ 64.7336, 0.2678,
0.2812

■ 23.4405, 0.4966,
0.4371

■ 68.4224, 0.2686,
0.2895

■ 22.1073, 0.5087,
0.4343

■ 72.2726, 0.2694,
0.2977

■ 76.2876, 0.2703,
0.3058

Harmonies

Analogous

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



40.7038, 0.3566, 0.3492



40.7038, 0.3499, 0.3631



40.7038, 0.3331, 0.3682

Triad

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



40.7038, 0.3499, 0.3631



40.7038, 0.2757, 0.3252



40.7038, 0.3129, 0.2989

Complementary

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



40.7038, 0.3499, 0.3631



34.5560, 0.2777, 0.2924

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.



40.7038, 0.2916, 0.2923



40.7038, 0.3499, 0.3631



40.7038, 0.2707, 0.3066

Square

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



40.7038, 0.3499, 0.3631



40.7038, 0.2904, 0.3459



40.7038, 0.2764, 0.2948



40.7038, 0.3349, 0.3127

Rectangle

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



40.7038, 0.3499, 0.3631



40.7038, 0.3188, 0.3653



40.7038, 0.2764, 0.2948



40.7038, 0.3054, 0.2957

Sweetspot

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



40.7056, 0.3499, 0.3631



82.1680, 0.3237, 0.3396



32.8078, 0.3397, 0.3066



17.6314, 0.3246, 0.3405



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.7056, 0.3499, 0.3631



69.9121, 0.3601, 0.3716



46.5079, 0.3419, 0.3841



9.9002, 0.3273, 0.3429



15.2030, 0.5073, 0.4354



0.6524, 0.4791, 0.4578

Inverse Universe

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



34.5560, 0.2777, 0.2924



56.7792, 0.2687, 0.2823



29.7517, 0.2796, 0.2688



9.2777, 0.2985, 0.3147



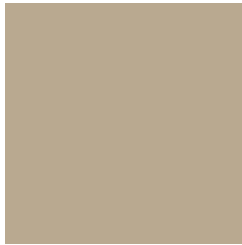
5.6774, 0.1682, 0.1255



0.3217, 0.1831, 0.1790

Previews

White Background



This preview shows how the Yxy color 40.7038, 0.3499, 0.3631 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 Yxy color 40.7038, 0.3499, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

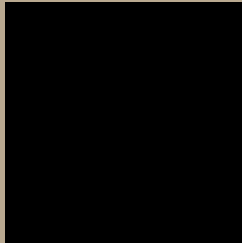
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

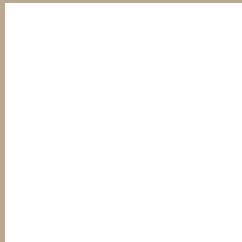
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7038, 0.3499, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 40.7038, 0.3499, 0.3631.



This preview shows how white text looks on a background with the Yxy color 40.7038, 0.3499, 0.3631.

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

40.7038, 0.3499, 0.3631

Protanopia

40.8735, 0.3437, 0.3649

Deuteranopia

40.8249, 0.3620, 0.3553



Tritanopia

40.5441, 0.3248, 0.3120

Trichromacy



Original Color

40.7038, 0.3499, 0.3631

Protanomaly

40.7389, 0.3458, 0.3633

Deuteranomaly

40.6542, 0.3577, 0.3570

Tritanomaly

40.6804, 0.3343, 0.3304

Monochromacy



Original Color

40.7038, 0.3499, 0.3631

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5528, 0.3259, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7038, 0.3499, 0.3631 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, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 144)  
}
```

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, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 144) }
```

Border

The CSS property to change the border of an element to Yxy 40.7038, 0.3499, 0.3631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

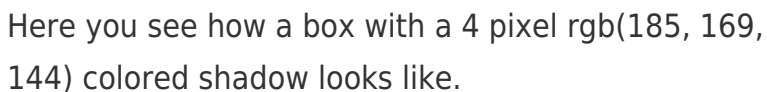
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 169, 144) }
```

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

```
.border{ border-color:rgb(185, 169, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 169, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 169, 144); box-shadow:4px 4px 4px 4px rgb(185, 169, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7038, 0.3499, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 144) }
```

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

```
.background{ background-color: rgb(185,  
169, 144) }
```

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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