

Converting Colors

$Yxy(39.8366, 0.3445, 0.3384)$

Have a look what the booklet for
Yxy(39.8366, 0.3445, 0.3384)
contains.

Yxy(39.9324, 0.3441, 0.3384)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.9324, 0.3441, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	BEA49D
RGB	190, 164, 157
RGB Percent	75%, 64%, 62%
CMY	0.2547, 0.3569, 0.3843
CMYK	0.00, 0.14, 0.17, 0.25
HSL	13°, 20%, 68%
HSV	13°, 17%, 75%
XYZ	40.6050, 39.9324, 37.4661
YIQ	170.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

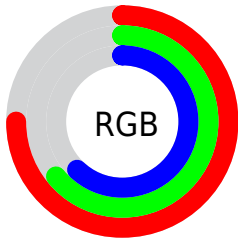
Format	Color
RYB	190, 166, 157
Decimal	12493981
CIELab	69.42, 8.38, 7.13
CIELCh	69, 11.001, 40.394
Yxy	39.9324, 0.3441, 0.3384
Android (android.graphics.Color)	4290684061 (0xFFBEA49D)
YUV	170.9760, -6.8902, 16.6840
Hunter-Lab	63.1921, 4.1117, 9.0819

Details

The Yxy color **39.9324, 0.3441, 0.3384** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7798, 0.2864, 0.3194**, and the grayscale version is **40.7436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1907, 0.3380, 0.3363**, and **17.8632, 0.3532, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **34.2834, 0.3673, 0.3442**, and if you desaturate by 10%, it is **46.3181, 0.3248, 0.3329**.

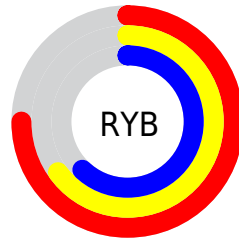
Distribution



Red (75%)

Green (64%)

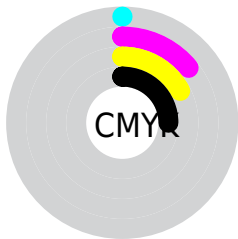
Blue (62%)



Red (75%)

Yellow (65%)

Blue (62%)

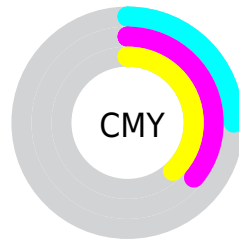


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9324, 0.3441, 0.3384 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 39.9324, 0.3441, 0.3384 by changing the saturation by 10% instead.


 39.9324, 0.3441,
0.3384


 39.9324, 0.3441,
0.3384


345.8386, 0.3279,
0.3338

 27.4858, 0.3483,
0.3395


 75.0606, 0.3381,
0.3367

 17.9384, 0.3538,
0.3410

 98.5110, 0.3359,
0.3361

 10.9058, 0.3614,
0.3428


126.3981, 0.3340,
0.3356

 6.0035, 0.3722,
0.3454

159.1063, 0.3324,
0.3351

 2.8472, 0.3893,
0.3489

197.0201, 0.3311,
0.3347

 1.0525, 0.4248,
0.3583


240.5238, 0.3299,

 0.0000, 1.0000,

0.3344


0.0000


290.0018, 0.3288,
0.3340


 0.0000, 0.0000,
0.0000


 39.9324, 0.3441,
0.3384

 39.9324, 0.3441,
0.3384

 34.2834, 0.3673,
0.3442

 46.3181, 0.3248,
0.3329


 29.3392, 0.3950,
0.3501


 53.4602, 0.3088,
0.3277


 25.0734, 0.4275,
0.3555

 61.3844, 0.2955,
0.3229

 21.4560, 0.4645,
0.3600

 70.1137, 0.2845,
0.3186

 18.4546, 0.5047,
0.3625

 79.6699, 0.2752,
0.3147

■ 16.0341, 0.5451,
0.3621

■ 88.9984, 0.2751,
0.3277

■ 14.1553, 0.5815,
0.3582

■ 89.6931, 0.2752,
0.3289

■ 12.7725, 0.6095,
0.3510

■ 12.4829, 0.6158,
0.3492

Harmonies

Analogous

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



39.9324, 0.3364, 0.3244



39.9324, 0.3441, 0.3384



39.9324, 0.3431, 0.3504

Triad

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



39.9324, 0.3441, 0.3384



39.9324, 0.3028, 0.3470



39.9324, 0.2916, 0.3019

Complementary

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



39.9324, 0.3441, 0.3384



44.7798, 0.2864, 0.3194

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.



39.9324, 0.2831, 0.3070



39.9324, 0.3441, 0.3384



39.9324, 0.2895, 0.3330

Square

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



39.9324, 0.3441, 0.3384



39.9324, 0.3190, 0.3559



39.9324, 0.2823, 0.3183



39.9324, 0.3058, 0.3037

Rectangle

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



39.9324, 0.3441, 0.3384



39.9324, 0.3377, 0.3556



39.9324, 0.2823, 0.3183



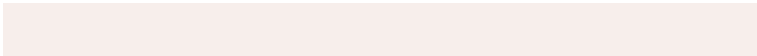
39.9324, 0.2880, 0.3028

Sweetspot

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



39.9342, 0.3441, 0.3384



86.7498, 0.3209, 0.3316



38.5048, 0.3206, 0.2947



18.8540, 0.3221, 0.3320



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.9342, 0.3441, 0.3384



68.1263, 0.3528, 0.3407



46.0838, 0.3406, 0.3593



9.8545, 0.3283, 0.3339



8.3908, 0.6137, 0.3509



0.4256, 0.5676, 0.3875

Inverse Universe

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



44.7798, 0.2864, 0.3194



78.5964, 0.2805, 0.3170



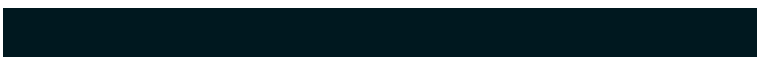
38.4944, 0.2853, 0.2967



10.4578, 0.2985, 0.3240



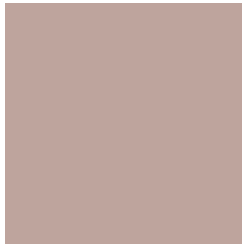
17.0569, 0.2057, 0.2604



0.7555, 0.2107, 0.2786

Previews

White Background



This preview shows how the Yxy color 39.9324, 0.3441, 0.3384 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 39.9324, 0.3441, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

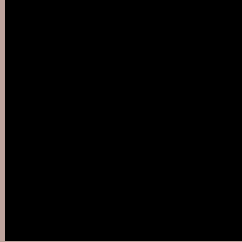
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9324, 0.3441, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 39.9324, 0.3441, 0.3384.



This preview shows how white text looks on a background with the Yxy color 39.9324, 0.3441, 0.3384.

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

39.9324, 0.3441, 0.3384

Protanopia

40.0280, 0.3260, 0.3415

Deuteranopia

40.0616, 0.3450, 0.3384



Tritanopia

39.7522, 0.3307, 0.3121

Trichromacy



Original Color

39.9324, 0.3441, 0.3384

Protanomaly

39.8439, 0.3319, 0.3400

Deuteranomaly

40.0616, 0.3450, 0.3384

Tritanomaly

39.7442, 0.3351, 0.3212

Monochromacy



Original Color

39.9324, 0.3441, 0.3384

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2234, 0.3237, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9324, 0.3441, 0.3384 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(190, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(190, 164, 157)  
}
```

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(190, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 164, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.9324, 0.3441, 0.3384 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(190, 164, 157) }
```

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

```
.border{ border-color:rgb(190, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(190, 164,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9324, 0.3441, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 164, 157) }
```

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

```
.background{ background-color: rgb(190,  
164, 157) }
```

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