

Converting Colors

$Yxy(43.8161, 0.3341, 0.3396)$

Have a look what the booklet for
Yxy(43.8161, 0.3341, 0.3396)
contains.

Yxy(43.9724, 0.3340, 0.3395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.9724, 0.3340, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	BEAEA6
RGB	190, 174, 166
RGB Percent	75%, 68%, 65%
CMY	0.2548, 0.3177, 0.3490
CMYK	0.00, 0.08, 0.13, 0.25
HSL	20°, 16%, 70%
HSV	20°, 13%, 75%
XYZ	43.2600, 43.9724, 42.2886
YIQ	177.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

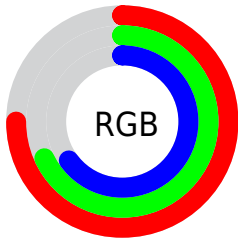
Format	Color
RYB	190, 178, 166
Decimal	12496550
CIELab	72.21, 4.39, 6.17
CIElCh	72, 7.570, 54.527
Yxy	43.9724, 0.3340, 0.3395
Android (android.graphics.Color)	4290686630 (0xFFBEAEA6)
YUV	177.8720, -5.8529, 10.6363
Hunter-Lab	66.3117, 0.4033, 8.6075

Details

The Yxy color $43.9724, 0.3340, 0.3395$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.3016, 0.2934, 0.3183$, and the grayscale version is $44.4792, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.8519, 0.3298, 0.3372$, and $20.3682, 0.3398, 0.3434$ is the 20% darker color. If you saturate the color by 10%, you get $38.6552, 0.3543, 0.3484$, and if you desaturate by 10%, it is $49.8595, 0.3168, 0.3311$.

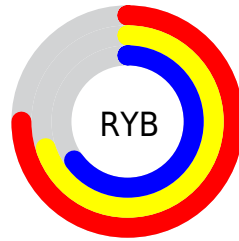
Distribution



Red (75%)

Green (68%)

Blue (65%)



Red (75%)

Yellow (70%)

Blue (65%)

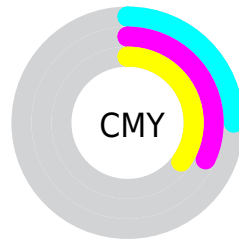


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9724, 0.3340, 0.3395 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 43.9724, 0.3340, 0.3395 by changing the saturation by 10% instead.


 43.9724, 0.3340,
0.3395


 43.9724, 0.3340,
0.3395

362.5956, 0.3232,
0.3343

 30.6488, 0.3367,
0.3408


 81.1762, 0.3300,
0.3376

 20.3316, 0.3403,
0.3425


 105.8252, 0.3286,
0.3369

 12.6363, 0.3451,
0.3446

135.0182, 0.3273,
0.3363

 7.1786, 0.3519,
0.3477

169.1394, 0.3263,
0.3358

 3.5740, 0.3622,
0.3522

208.5734, 0.3253,
0.3353

 1.4383, 0.3800,
0.3594

253.7045, 0.3245,

 0.2447, 0.5814,

0.3349

0.4186

304.9171, 0.3238,
0.3346

0.0000, 0.0000,
0.0000

43.9724, 0.3340,
0.3395

43.9724, 0.3340,
0.3395

38.6552, 0.3543,
0.3484

49.8595, 0.3168,
0.3311

33.8848, 0.3780,
0.3575

56.3273, 0.3022,
0.3233

29.6451, 0.4054,
0.3664

63.3933, 0.2899,
0.3162

25.9168, 0.4364,
0.3745

71.0729, 0.2793,
0.3096

22.6794, 0.4704,
0.3808

78.9863, 0.2735,
0.3099

■ 19.9109, 0.5058,
0.3841

■ 86.6121, 0.2747,
0.3237

■ 17.5875, 0.5399,
0.3832

■ 89.6908, 0.2752,
0.3289

■ 15.6826, 0.5697,
0.3775

■ 14.5241, 0.5883,
0.3711

Harmonies

Analogous

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



43.9724, 0.3315, 0.3305



43.9724, 0.3340, 0.3395



43.9724, 0.3307, 0.3459

Triad

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



43.9724, 0.3340, 0.3395



43.9724, 0.3015, 0.3369



43.9724, 0.3028, 0.3108

Complementary

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



43.9724, 0.3340, 0.3395



45.3016, 0.2934, 0.3183

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.



43.9724, 0.2950, 0.3121



43.9724, 0.3340, 0.3395



43.9724, 0.2943, 0.3271

Square

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



43.9724, 0.3340, 0.3395



43.9724, 0.3118, 0.3446



43.9724, 0.2919, 0.3180



43.9724, 0.3133, 0.3141

Rectangle

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



43.9724, 0.3340, 0.3395



43.9724, 0.3256, 0.3478



43.9724, 0.2919, 0.3180



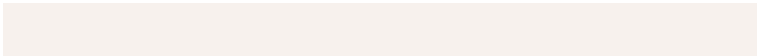
43.9724, 0.2997, 0.3107

Sweetspot

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



43.9743, 0.3340, 0.3395



88.7385, 0.3191, 0.3323



41.6222, 0.3207, 0.3078



19.3021, 0.3203, 0.3329



97.7402, 0.3127, 0.3290



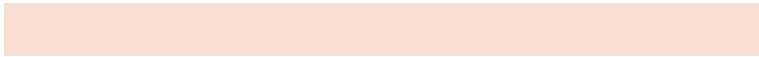
20.4902, 0.3127, 0.3290

Same Dimension

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



43.9743, 0.3340, 0.3395



77.0547, 0.3390, 0.3418



48.6645, 0.3321, 0.3543



10.0406, 0.3280, 0.3367



9.7848, 0.5859, 0.3729



0.5059, 0.5385, 0.4106

Inverse Universe

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



45.3016, 0.2934, 0.3183



79.9016, 0.2894, 0.3159



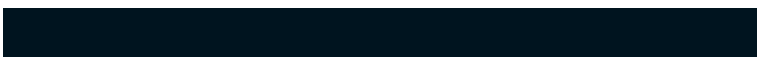
40.7322, 0.2930, 0.3023



10.2606, 0.2985, 0.3212



12.6872, 0.1939, 0.2179



0.6124, 0.2021, 0.2476

Previews

White Background



This preview shows how the Yxy color 43.9724, 0.3340, 0.3395 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 43.9724, 0.3340, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

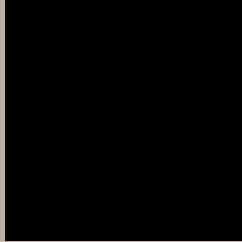
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9724, 0.3340, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 43.9724, 0.3340, 0.3395.



This preview shows how white text looks on a background with the Yxy color 43.9724, 0.3340, 0.3395.

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

43.9724, 0.3340, 0.3395

Protanopia

43.9080, 0.3264, 0.3410

Deuteranopia

43.9216, 0.3411, 0.3342



Tritanopia

43.9661, 0.3207, 0.3112

Trichromacy



Original Color

43.9724, 0.3340, 0.3395

Protanomaly

43.8891, 0.3293, 0.3396

Deuteranomaly

43.8972, 0.3381, 0.3355

Tritanomaly

43.9259, 0.3257, 0.3213

Monochromacy



Original Color

43.9724, 0.3340, 0.3395

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4454, 0.3196, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9724, 0.3340, 0.3395 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, 174, 166)` looks like.

```
.text, #text, p{  
    color:rgb(190, 174, 166)  
}
```

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, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 174, 166) }
```

Border

The CSS property to change the border of an element to Yxy 43.9724, 0.3340, 0.3395 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, 174, 166) }
```

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

```
.border{ border-color:rgb(190, 174, 166) }
```

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

Here you see how a box with a 4 pixel rgb(190, 174, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(190, 174,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9724, 0.3340, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 174, 166) }
```

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

```
.background{ background-color: rgb(190,  
174, 166) }
```

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