

Converting Colors

$Yxy(39.9866, 0.3376, 0.3396)$

Have a look what the booklet for
Yxy(39.9866, 0.3376, 0.3396)
contains.

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Color

Yxy(40.0553, 0.3378, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	B9A69E
RGB	185, 166, 158
RGB Percent	73%, 65%, 62%
CMY	0.2747, 0.3489, 0.3804
CMYK	0.00, 0.10, 0.15, 0.27
HSL	18°, 16%, 67%
HSV	18°, 15%, 73%
XYZ	39.8078, 40.0553, 37.9812
YIQ	170.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

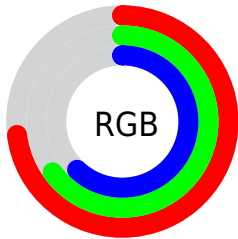
Format	Color
RYB	185, 169, 158
Decimal	12166814
CIELab	69.51, 5.52, 6.64
CIELCh	70, 8.636, 50.264
Yxy	40.0553, 0.3378, 0.3399
Android (android.graphics.Color)	4290356894 (0xFFB9A69E)
YUV	170.7690, -6.2951, 12.4806
Hunter-Lab	63.2893, 1.5172, 8.7213

Details

The Yxy color **40.0553, 0.3378, 0.3399** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1914, 0.2905, 0.3178**, and the grayscale version is **40.6284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2178, 0.3326, 0.3374**, and **18.0017, 0.3457, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **34.9783, 0.3590, 0.3479**, and if you desaturate by 10%, it is **45.7092, 0.3199, 0.3323**.

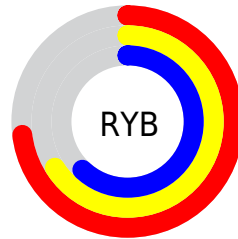
Distribution



Red (73%)

Green (65%)

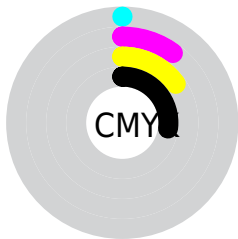
Blue (62%)



Red (73%)

Yellow (66%)

Blue (62%)

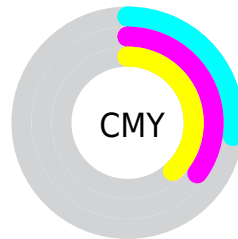


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0553, 0.3378, 0.3399 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 40.0553, 0.3378, 0.3399 by changing the saturation by 10% instead.


 40.0553, 0.3378,
0.3399


 40.0553, 0.3378,
0.3399

346.3566, 0.3249,
0.3344

 27.5817, 0.3412,
0.3413


 75.2477, 0.3330,
0.3379

 18.0105, 0.3455,
0.3430


 98.7353, 0.3312,
0.3372

 10.9576, 0.3515,
0.3454


126.6630, 0.3298,
0.3365

 6.0383, 0.3602,
0.3487

159.4151, 0.3285,
0.3360

 2.8684, 0.3737,
0.3535

197.3762, 0.3274,
0.3355

 1.0634, 0.4015,
0.3647

240.9305, 0.3265,

 0.0000, 1.0000,

0.3351

0.0000

290.4625, 0.3256,
0.3348

0.0000, 0.0000,
0.0000

40.0553, 0.3378,
0.3399

40.0553, 0.3378,
0.3399

34.9783, 0.3590,
0.3479

45.7092, 0.3199,
0.3323

30.4544, 0.3839,
0.3561

51.9522, 0.3049,
0.3252

26.4661, 0.4128,
0.3640

58.8027, 0.2922,
0.3187

22.9928, 0.4456,
0.3709

66.2768, 0.2814,
0.3128

20.0127, 0.4814,
0.3760

74.3900, 0.2723,
0.3074

■ 17.5020, 0.5183,
0.3779

■ 82.2240, 0.2714,
0.3170

■ 15.4349, 0.5534,
0.3757

■ 89.0491, 0.2726,
0.3289

■ 13.7827, 0.5829,
0.3689

■ 13.0423, 0.5968,
0.3643

Harmonies

Analogous

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



40.0553, 0.3339, 0.3291



40.0553, 0.3378, 0.3399



40.0553, 0.3348, 0.3481

Triad

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



40.0553, 0.3378, 0.3399



40.0553, 0.3011, 0.3398



40.0553, 0.2994, 0.3075

Complementary

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



40.0553, 0.3378, 0.3399



42.1914, 0.2905, 0.3178

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.



40.0553, 0.2910, 0.3098



40.0553, 0.3378, 0.3399



40.0553, 0.2919, 0.3283

Square

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



40.0553, 0.3378, 0.3399



40.0553, 0.3135, 0.3483



40.0553, 0.2883, 0.3174



40.0553, 0.3116, 0.3107

Rectangle

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



40.0553, 0.3378, 0.3399



40.0553, 0.3294, 0.3509



40.0553, 0.2883, 0.3174



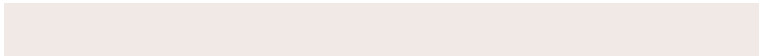
40.0553, 0.2961, 0.3076

Sweetspot

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



40.0571, 0.3378, 0.3399



82.4495, 0.3191, 0.3319



37.9505, 0.3213, 0.3033



17.6019, 0.3203, 0.3325



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.



40.0571, 0.3378, 0.3399



69.2174, 0.3432, 0.3420



45.0653, 0.3353, 0.3571



9.4360, 0.3280, 0.3359



8.9976, 0.5945, 0.3661



0.4287, 0.5425, 0.4074

Inverse Universe

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



42.1914, 0.2905, 0.3178



73.6654, 0.2864, 0.3156



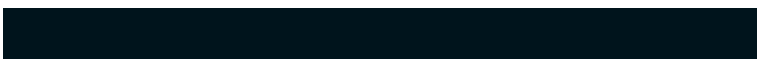
37.2648, 0.2899, 0.2992



9.7474, 0.2985, 0.3220



13.3840, 0.1974, 0.2304



0.5741, 0.2052, 0.2589

Previews

White Background



This preview shows how the Yxy color 40.0553, 0.3378, 0.3399 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 40.0553, 0.3378, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

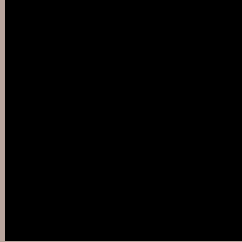
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0553, 0.3378, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 40.0553, 0.3378, 0.3399.



This preview shows how white text looks on a background with the Yxy color 40.0553, 0.3378, 0.3399.

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

40.0553, 0.3378, 0.3399

Protanopia

40.0280, 0.3260, 0.3415

Deuteranopia

39.9667, 0.3431, 0.3371



Tritanopia

39.8938, 0.3239, 0.3119

Trichromacy



Original Color

40.0553, 0.3378, 0.3399

Protanomaly

40.0922, 0.3308, 0.3414

Deuteranomaly

40.0703, 0.3410, 0.3385

Tritanomaly

39.8546, 0.3291, 0.3224

Monochromacy



Original Color

40.0553, 0.3378, 0.3399

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3592, 0.3217, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0553, 0.3378, 0.3399 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, 166, 158)` looks like.

```
.text, #text, p{  
  color:rgb(185, 166, 158)  
}
```

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, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 158) }
```

Border

The CSS property to change the border of an element to Yxy 40.0553, 0.3378, 0.3399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

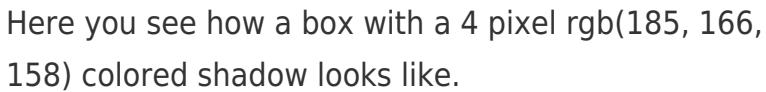
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 166, 158) }
```

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

```
.border{ border-color:rgb(185, 166, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 166, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 166, 158); box-shadow:4px 4px 4px 4px rgb(185, 166, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0553, 0.3378, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 158) }
```

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

```
.background{ background-color: rgb(185,  
166, 158) }
```

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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