

Converting Colors

$Yxy(40.8403, 0.3560, 0.3395)$

Have a look what the booklet for
Yxy(40.8403, 0.3560, 0.3395)
contains.

Yxy(40.8403, 0.3560, 0.3395)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.8403, 0.3560, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	C8A39B
RGB	200, 163, 155
RGB Percent	78%, 64%, 61%
CMY	0.2158, 0.3607, 0.3922
CMYK	0.00, 0.18, 0.22, 0.22
HSL	11°, 29%, 70%
HSV	11°, 22%, 78%
XYZ	42.8252, 40.8403, 36.6300
YIQ	173.1510, 24.6200, 5.3560

Conversions

Conversions Part 2

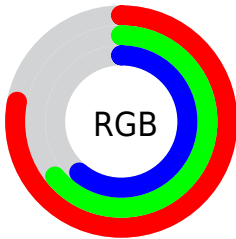
Format	Color
R _Y B	200, 165, 155
Decimal	13149083
CIE Lab	70.06, 12.35, 9.29
CIE LCh	70, 15.453, 36.942
Yxy	40.8403, 0.3560, 0.3395
Android (android.graphics.Color)	4291339163 (0xFFC8A39B)
YUV	173.1510, -8.9484, 23.5466
Hunter-Lab	63.9064, 7.7808, 10.7506

Details

The Yxy color **40.8403, 0.3560, 0.3395** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8057, 0.2789, 0.3182**, and the grayscale version is **41.9066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0063, 0.3463, 0.3382**, and **18.3881, 0.3688, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **34.7651, 0.3820, 0.3445**, and if you desaturate by 10%, it is **47.7881, 0.3344, 0.3347**.

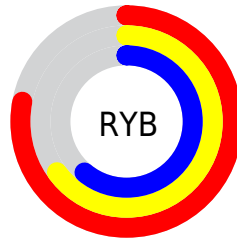
Distribution



Red (78%)

Green (64%)

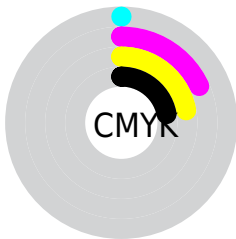
Blue (61%)



Red (78%)

Yellow (65%)

Blue (61%)

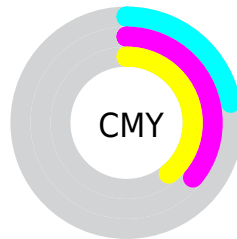


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8403, 0.3560, 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 40.8403, 0.3560, 0.3395 by changing the saturation by 10% instead.

 40.8403, 0.3560,
0.3395


 40.8403, 0.3560,
0.3395


349.6527, 0.3337,
0.3345

 28.1943, 0.3618,
0.3407


 76.4414, 0.3477,
0.3377

 18.4722, 0.3693,
0.3421


 100.1653, 0.3447,
0.3371

 11.2895, 0.3796,
0.3439


128.3507, 0.3421,
0.3365

 6.2619, 0.3943,
0.3462

161.3818, 0.3399,
0.3360

 3.0050, 0.4172,
0.3490

199.6432, 0.3381,
0.3355

 1.1343, 0.4647,
0.3576

243.5193, 0.3364,

 0.0071, 0.9776,

0.3352

0.0224

293.3943, 0.3350,
0.3348

0.0000, 0.0000,
0.0000

40.8403, 0.3560,
0.3395

40.8403, 0.3560,
0.3395

34.7651, 0.3820,
0.3445

47.7881, 0.3344,
0.3347

29.5225, 0.4131,
0.3493

55.6354, 0.3166,
0.3301

25.0777, 0.4492,
0.3536

64.4149, 0.3020,
0.3259

21.3909, 0.4896,
0.3564

74.1559, 0.2898,
0.3220

18.4194, 0.5319,
0.3571

84.8864, 0.2798,
0.3186

■ 16.1157, 0.5718,
0.3548

■ 91.0146, 0.2805,
0.3289

■ 14.4265, 0.6042,
0.3493

■ 13.5190, 0.6221,
0.3442

Harmonies

Analogous

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



40.8403, 0.3438, 0.3204



40.8403, 0.3560, 0.3395



40.8403, 0.3560, 0.3568

Triad

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



40.8403, 0.3560, 0.3395



40.8403, 0.3012, 0.3563



40.8403, 0.2815, 0.2918

Complementary

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



40.8403, 0.3560, 0.3395



48.8057, 0.2789, 0.3182

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.



40.8403, 0.2711, 0.2996



40.8403, 0.3560, 0.3395



40.8403, 0.2821, 0.3369

Square

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



40.8403, 0.3560, 0.3395



40.8403, 0.3239, 0.3677



40.8403, 0.2713, 0.3160



40.8403, 0.3004, 0.2935

Rectangle

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



40.8403, 0.3560, 0.3395



40.8403, 0.3492, 0.3650



40.8403, 0.2713, 0.3160



40.8403, 0.2769, 0.2933

Sweetspot

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



40.8422, 0.3560, 0.3395



89.9025, 0.3244, 0.3321



39.5397, 0.3220, 0.2824



19.0646, 0.3255, 0.3324



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



40.8422, 0.3560, 0.3395



65.4038, 0.3681, 0.3419



49.3273, 0.3501, 0.3669



10.9382, 0.3285, 0.3332



8.6935, 0.6201, 0.3458



0.5081, 0.5820, 0.3761

Inverse Universe

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



48.8057, 0.2789, 0.3182



81.6022, 0.2719, 0.3156



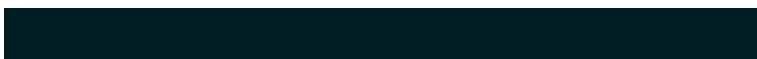
39.8778, 0.2766, 0.2880



11.7329, 0.2984, 0.3248



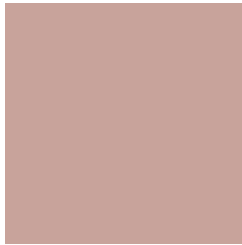
19.7168, 0.2088, 0.2715



1.0203, 0.2124, 0.2847

Previews

White Background



This preview shows how the Yxy color 40.8403, 0.3560, 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 40.8403, 0.3560, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

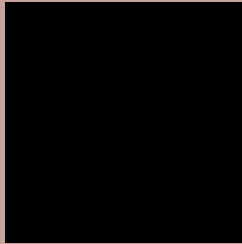
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8403, 0.3560, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 40.8403, 0.3560, 0.3395.



This preview shows how white text looks on a background with the Yxy color 40.8403, 0.3560, 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

40.8403, 0.3560, 0.3395

Protanopia

40.9761, 0.3285, 0.3455

Deuteranopia

40.7462, 0.3496, 0.3423



Tritanopia

40.7153, 0.3415, 0.3126

Trichromacy



Original Color

40.8403, 0.3560, 0.3395

Protanomaly

40.7882, 0.3375, 0.3425

Deuteranomaly

40.6532, 0.3518, 0.3409

Tritanomaly

40.6604, 0.3470, 0.3227

Monochromacy



Original Color

40.8403, 0.3560, 0.3395

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1964, 0.3283, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8403, 0.3560, 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(200, 163, 155)` looks like.

```
.text, #text, p{  
    color:rgb(200, 163, 155)  
}
```

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(200, 163, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 163, 155) }
```

Border

The CSS property to change the border of an element to Yxy 40.8403, 0.3560, 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(200, 163, 155) }
```

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

```
.border{ border-color:rgb(200, 163, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 163, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 163, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 163, 155);  
box-shadow:4px 4px 4px 4px rgb(200, 163,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8403, 0.3560, 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(200, 163, 155) }
```

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

```
.background{ background-color: rgb(200,  
163, 155) }
```

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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