

Converting Colors

$Yxy(40.4422, 0.3366, 0.3250)$

Have a look what the booklet for
Yxy(40.4422, 0.3366, 0.3250)
contains.

Yxy(40.5474, 0.3367, 0.3251)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.5474, 0.3367, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	C0A4A7
RGB	192, 164, 167
RGB Percent	75%, 64%, 65%
CMY	0.2470, 0.3569, 0.3450
CMYK	0.00, 0.15, 0.13, 0.25
HSL	354°, 18%, 70%
HSV	354°, 15%, 75%
XYZ	41.9942, 40.5474, 42.1813
YIQ	172.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

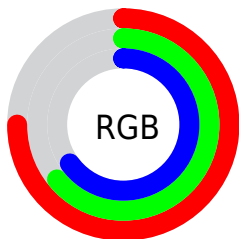
Format	Color
RYB	192, 164, 167
Decimal	12625063
CIELab	69.86, 10.74, 2.23
CIElCh	70, 10.974, 11.741
Yxy	40.5474, 0.3367, 0.3251
Android (android.graphics.Color)	4290815143 (0xFFC0A4A7)
YUV	172.7140, -2.8170, 16.9138
Hunter-Lab	63.6768, 6.2843, 5.2985

Details

The Yxy color $40.5474, 0.3367, 0.3251$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $49.2751, 0.2929, 0.3330$, and the grayscale version is $41.6470, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0767, 0.3325, 0.3260$, and $18.2294, 0.3439, 0.3237$ is the 20% darker color. If you saturate the color by 10%, you get $33.5953, 0.3581, 0.3222$, and if you desaturate by 10%, it is $48.6247, 0.3195, 0.3278$.

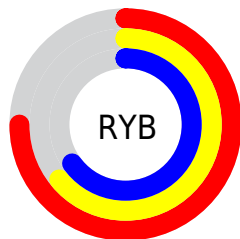
Distribution



Red (75%)

Green (64%)

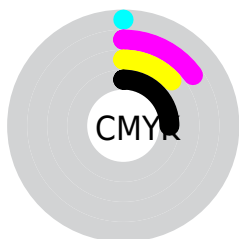
Blue (65%)



Red (75%)

Yellow (64%)

Blue (65%)

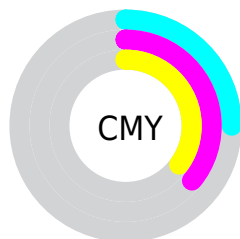


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5474, 0.3367, 0.3251 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 40.5474, 0.3367, 0.3251 by changing the saturation by 10% instead.

 40.5474, 0.3367,
0.3251


 40.5474, 0.3367,
0.3251


348.4254, 0.3244,
0.3272

 27.9656, 0.3399,
0.3245


 75.9964, 0.3321,
0.3259

 18.2997, 0.3440,
0.3238


 99.6323, 0.3305,
0.3262

 11.1654, 0.3497,
0.3228


127.7218, 0.3290,
0.3264

 6.1782, 0.3578,
0.3212

160.6491, 0.3278,
0.3266

 2.9537, 0.3706,
0.3187

198.7988, 0.3268,
0.3268

 1.1076, 0.3932,
0.3139

242.5551, 0.3259,

 0.0000, 1.0000,

0.3269

0.0000

292.3025, 0.3251,
0.3271

0.0000, 0.0000,
0.0000

40.5474, 0.3367,
0.3251

40.5474, 0.3367,
0.3251

33.5953, 0.3581,
0.3222

48.6247, 0.3195,
0.3278

27.7134, 0.3845,
0.3194

57.8683, 0.3056,
0.3303

22.8500, 0.4167,
0.3167

68.3239, 0.2944,
0.3326

18.9472, 0.4548,
0.3146

80.0333, 0.2853,
0.3347

15.9413, 0.4977,
0.3135

89.8002, 0.2774,
0.3314

■ 13.7607, 0.5424,
0.3141

■ 89.9494, 0.2763,
0.3289

■ 12.3229, 0.5836,
0.3166

■ 11.5283, 0.6152,
0.3211

■ 11.2625, 0.6276,
0.3231

Harmonies

Analogous

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



40.5474, 0.3229, 0.3125



40.5474, 0.3367, 0.3251



40.5474, 0.3440, 0.3389

Triad

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



40.5474, 0.3367, 0.3251



40.5474, 0.3182, 0.3555



40.5474, 0.2835, 0.3068

Complementary

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



40.5474, 0.3367, 0.3251



49.2751, 0.2929, 0.3330

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.



40.5474, 0.2824, 0.3178



40.5474, 0.3367, 0.3251



40.5474, 0.3022, 0.3464

Square

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



40.5474, 0.3367, 0.3251



40.5474, 0.3331, 0.3569



40.5474, 0.2892, 0.3323



40.5474, 0.2923, 0.3020

Rectangle

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



40.5474, 0.3367, 0.3251



40.5474, 0.3441, 0.3472



40.5474, 0.2892, 0.3323



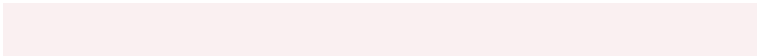
40.5474, 0.2823, 0.3099

Sweetspot

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



40.5492, 0.3367, 0.3251



88.9190, 0.3186, 0.3280



41.1430, 0.3114, 0.2931



18.8201, 0.3198, 0.3278



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.



40.5492, 0.3367, 0.3251



68.5708, 0.3441, 0.3241



44.4479, 0.3375, 0.3431



10.0952, 0.3272, 0.3265



7.5823, 0.6257, 0.3220



0.3337, 0.5828, 0.2984

Inverse Universe

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



40.5492, 0.3367, 0.3251



68.5708, 0.3441, 0.3241



44.8599, 0.2903, 0.3145



10.0952, 0.3272, 0.3265



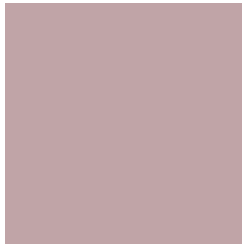
7.5823, 0.6257, 0.3220



0.3337, 0.5828, 0.2984

Previews

White Background



This preview shows how the Yxy color 40.5474, 0.3367, 0.3251 looks on a white background.

Color Contrast Check

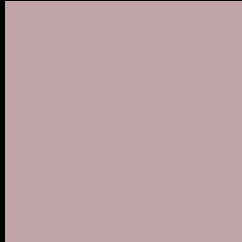
Large Text (above 18pt) WCAG AA × Fail

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 40.5474, 0.3367, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

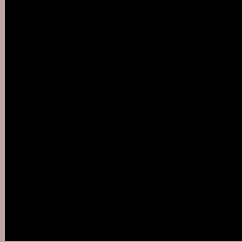
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5474, 0.3367, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 40.5474, 0.3367, 0.3251.



This preview shows how white text looks on a background with the Yxy color 40.5474, 0.3367, 0.3251.

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

40.5474, 0.3367, 0.3251

Protanopia

40.6504, 0.3164, 0.3290

Deuteranopia

40.5191, 0.3336, 0.3264



Tritanopia

40.6270, 0.3305, 0.3135

Trichromacy



Original Color

40.5474, 0.3367, 0.3251

Protanomaly

40.6936, 0.3239, 0.3277

Deuteranomaly

40.6474, 0.3346, 0.3264

Tritanomaly

40.5104, 0.3332, 0.3173

Monochromacy



Original Color

40.5474, 0.3367, 0.3251

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3930, 0.3210, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5474, 0.3367, 0.3251 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(192, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(192, 164, 167)  
}
```

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(192, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 164, 167) }
```

Border

The CSS property to change the border of an element to Yxy 40.5474, 0.3367, 0.3251 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(192, 164, 167) }
```

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

```
.border{ border-color:rgb(192, 164, 167) }
```

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

Here you see how a box with a 4 pixel rgb(192, 164, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(192, 164,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5474, 0.3367, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 164, 167) }
```

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

```
.background{ background-color: rgb(192,  
164, 167) }
```

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