

Converting Colors

Yxy(50.4376, 0.3604, 0.3315)

Have a look what the booklet for
Yxy(50.4376, 0.3604, 0.3315)
contains.

Yxy(50.4376, 0.3604, 0.3315)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.4376, 0.3604, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	E3B0AE
RGB	227, 176, 174
RGB Percent	89%, 69%, 68%
CMY	0.1099, 0.3097, 0.3177
CMYK	0.00, 0.22, 0.23, 0.11
HSL	2°, 49%, 79%
HSV	2°, 23%, 89%
XYZ	54.8347, 50.4376, 46.8773
YIQ	191.0210, 31.0380, 10.1900

Conversions

Conversions Part 2

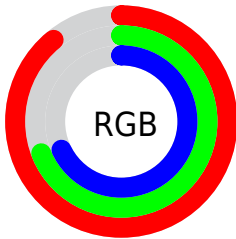
Format	Color
R _Y B	227, 176, 174
Decimal	14921902
CIE Lab	76.34, 18.23, 8.18
CIE LCh	76, 19.986, 24.170
Yxy	50.4376, 0.3604, 0.3315
Android (android.graphics.Color)	4293111982 (0xFFE3B0AE)
YUV	191.0210, -8.3914, 31.5536
Hunter-Lab	71.0194, 13.5374, 10.5785

Details

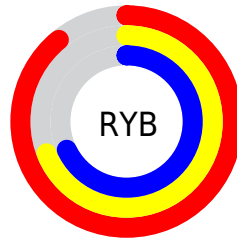
The Yxy color **50.4376, 0.3604, 0.3315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.3505, 0.2781, 0.3265**, and the grayscale version is **52.1488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6304, 0.3305, 0.3320**, and **24.2290, 0.3739, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **41.7465, 0.3894, 0.3327**, and if you desaturate by 10%, it is **60.6584, 0.3370, 0.3304**.

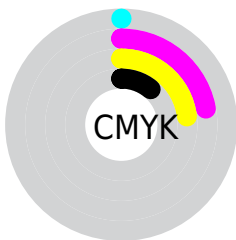
Distribution



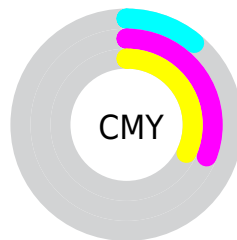
- Red (89%)
- Green (69%)
- Blue (68%)



- Red (89%)
- Yellow (69%)
- Blue (68%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4376, 0.3604, 0.3315 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 50.4376, 0.3604, 0.3315 by changing the saturation by 10% instead.


 50.4376, 0.3604,
0.3315

 50.4376, 0.3604,
0.3315


388.3748, 0.3367,
0.3307

 35.7612, 0.3663,
0.3316


 90.8229, 0.3518,
0.3313

 24.2498, 0.3738,
0.3316


117.3006, 0.3486,
0.3312

 15.5191, 0.3838,
0.3316


148.4809, 0.3458,
0.3311

 9.1845, 0.3975,
0.3313

184.7482, 0.3435,
0.3310

 4.8617, 0.4178,
0.3304

226.4868, 0.3414,
0.3309

 2.1663, 0.4505,
0.3278

274.0812, 0.3397,

 0.7016, 0.5611,

0.3308

0.3447

327.9157, 0.3381,
0.3307

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4376, 0.3604,
0.3315

50.4376, 0.3604,
0.3315

41.7465, 0.3894,
0.3327

60.6584, 0.3370,
0.3304

34.5051, 0.4247,
0.3338

72.4701, 0.3181,
0.3293

28.6365, 0.4663,
0.3347

85.9392, 0.3030,
0.3284

24.0541, 0.5126,
0.3352

95.0659, 0.2958,
0.3290

■ 20.6615, 0.5594,
0.3350

■ 18.3484, 0.6000,
0.3341

■ 16.9843, 0.6276,
0.3324

■ 16.5160, 0.6379,
0.3317

Harmonies

Analogous

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



50.4376, 0.3405, 0.3095



50.4376, 0.3604, 0.3315



50.4376, 0.3669, 0.3539

Triad

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



50.4376, 0.3604, 0.3315



50.4376, 0.3102, 0.3697



50.4376, 0.2685, 0.2869

Complementary

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



50.4376, 0.3604, 0.3315



68.3505, 0.2781, 0.3265

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.



50.4376, 0.2614, 0.3007



50.4376, 0.3604, 0.3315



50.4376, 0.2847, 0.3493

Square

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



50.4376, 0.3604, 0.3315



50.4376, 0.3371, 0.3775



50.4376, 0.2671, 0.3235



50.4376, 0.2872, 0.2843

Rectangle

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



50.4376, 0.3604, 0.3315



50.4376, 0.3626, 0.3663



50.4376, 0.2671, 0.3235



50.4376, 0.2647, 0.2903

Sweetspot

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



50.4399, 0.3604, 0.3315



88.4383, 0.3246, 0.3297



52.0365, 0.3168, 0.2729



18.7267, 0.3257, 0.3298



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.



50.4399, 0.3604, 0.3315



59.9711, 0.3737, 0.3321



61.7346, 0.3537, 0.3611



14.4566, 0.3292, 0.3300



9.6737, 0.6372, 0.3323



0.7465, 0.6291, 0.3387

Inverse Universe

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



68.3505, 0.2781, 0.3265



87.1364, 0.2716, 0.3259



55.2524, 0.2755, 0.2947



16.2360, 0.2982, 0.3280



32.5931, 0.2214, 0.3170



2.4384, 0.2219, 0.3188

Previews

White Background



This preview shows how the Yxy color 50.4376, 0.3604, 0.3315 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 50.4376, 0.3604, 0.3315 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 50.4376, 0.3604, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 50.4376, 0.3604, 0.3315.



This preview shows how white text looks on a background with the Yxy color 50.4376, 0.3604, 0.3315.

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

50.4376, 0.3604, 0.3315

Protanopia

50.7311, 0.3240, 0.3391

Deuteranopia

50.6192, 0.3473, 0.3399



Tritanopia

50.5180, 0.3510, 0.3143

Trichromacy



Original Color

50.4376, 0.3604, 0.3315

Protanomaly

50.6171, 0.3365, 0.3364

Deuteranomaly

50.5651, 0.3522, 0.3374

Tritanomaly

50.5313, 0.3544, 0.3211

Monochromacy



Original Color

50.4376, 0.3604, 0.3315

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4580, 0.3287, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4376, 0.3604, 0.3315 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(227, 176, 174)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 174)  
}
```

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(227, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 174) }
```

Border

The CSS property to change the border of an element to Yxy 50.4376, 0.3604, 0.3315 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(227, 176, 174) }
```

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

```
.border{ border-color:rgb(227, 176, 174) }
```

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

Here you see how a box with a 4 pixel rgb(227, 176, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4376, 0.3604, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 174) }
```

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

```
.background{ background-color: rgb(227,  
176, 174) }
```

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