

Converting Colors

Yxy(51.0344, 0.3359, 0.3461)

Have a look what the booklet for
Yxy(51.0344, 0.3359, 0.3461)
contains.

Yxy(50.9753, 0.3357, 0.3464)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.9753, 0.3357, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	C9BBAD
RGB	201, 187, 173
RGB Percent	79%, 73%, 68%
CMY	0.2118, 0.2666, 0.3215
CMYK	0.00, 0.07, 0.14, 0.21
HSL	30°, 21%, 73%
HSV	30°, 14%, 79%
XYZ	49.4007, 50.9753, 46.7813
YIQ	189.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

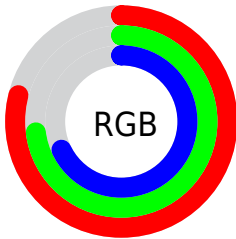
Format	Color
R_{YB}	201, 201, 173
Decimal	13220781
CIE Lab	76.66, 2.59, 8.85
CIE LCh	77, 9.222, 73.662
Yxy	50.9753, 0.3357, 0.3464
Android (android.graphics.Color)	4291410861 (0xFFC9BBAD)
YUV	189.5900, -8.1789, 10.0066
Hunter-Lab	71.3970, -1.4377, 11.1294

Details

The Yxy color **50.9753, 0.3357, 0.3464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6486, 0.2912, 0.3110**, and the grayscale version is **51.2883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9626, 0.3299, 0.3438**, and **24.6337, 0.3419, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **46.1401, 0.3550, 0.3597**, and if you desaturate by 10%, it is **56.2306, 0.3188, 0.3338**.

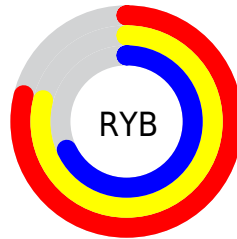
Distribution



Red (79%)

Green (73%)

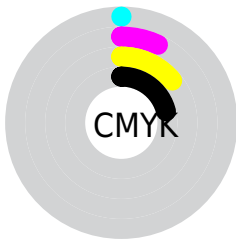
Blue (68%)



Red (79%)

Yellow (79%)

Blue (68%)

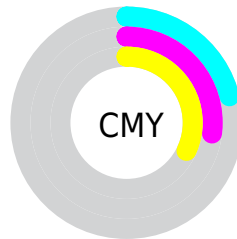


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (21%)



Cyan (21%)


Magenta (27%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9753, 0.3357, 0.3464 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 50.9753, 0.3357, 0.3464 by changing the saturation by 10% instead.


 50.9753, 0.3357,
0.3464

 50.9753, 0.3357,
0.3464

390.4678, 0.3243,
0.3379

 36.1890, 0.3385,
0.3485

 91.6183, 0.3316,
0.3434

 24.5802, 0.3421,
0.3511


118.2437, 0.3301,
0.3422

 15.7645, 0.3468,
0.3545


149.5842, 0.3287,
0.3412

 9.3577, 0.3533,
0.3592

186.0243, 0.3276,
0.3404

 4.9752, 0.3628,
0.3660

227.9483, 0.3266,
0.3396

 2.2327, 0.3780,
0.3765

275.7406, 0.3258,

 0.7378, 0.4532,

0.3390

0.4374

329.7857, 0.3250,
0.3384

0.0000, 0.0000,
0.0000

50.9753, 0.3357,
0.3464

50.9753, 0.3357,
0.3464

46.1401, 0.3550,
0.3597

56.2306, 0.3188,
0.3338

41.7069, 0.3767,
0.3731

61.9101, 0.3040,
0.3219

37.6663, 0.4008,
0.3863

68.0262, 0.2911,
0.3109

34.0055, 0.4270,
0.3984

74.5890, 0.2799,
0.3007

30.7112, 0.4543,
0.4082

80.3572, 0.2797,
0.3101

■ 27.7689, 0.4816,
0.4145

■ 86.3504, 0.2805,
0.3208

■ 25.1628, 0.5073,
0.4162

■ 91.1566, 0.2811,
0.3289

■ 22.8746, 0.5295,
0.4124

■ 21.6231, 0.5416,
0.4082

Harmonies

Analogous

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



50.9753, 0.3372, 0.3375



50.9753, 0.3357, 0.3464



50.9753, 0.3280, 0.3508

Triad

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



50.9753, 0.3357, 0.3464



50.9753, 0.2938, 0.3309



50.9753, 0.3088, 0.3098

Complementary

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



50.9753, 0.3357, 0.3464



48.6486, 0.2912, 0.3110

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.



50.9753, 0.2974, 0.3078



50.9753, 0.3357, 0.3464



50.9753, 0.2889, 0.3197

Square

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



50.9753, 0.3357, 0.3464



50.9753, 0.3038, 0.3418



50.9753, 0.2902, 0.3113



50.9753, 0.3214, 0.3167

Rectangle

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



50.9753, 0.3357, 0.3464



50.9753, 0.3204, 0.3504



50.9753, 0.2902, 0.3113



50.9753, 0.3047, 0.3086

Sweetspot

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



50.9776, 0.3357, 0.3464



96.1489, 0.3190, 0.3339



45.9205, 0.3256, 0.3111



20.4277, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



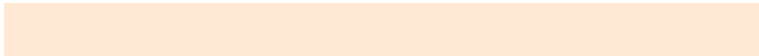
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9776, 0.3357, 0.3464



84.4557, 0.3418, 0.3508



56.9878, 0.3334, 0.3626



11.4983, 0.3277, 0.3406



13.7799, 0.5394, 0.4099



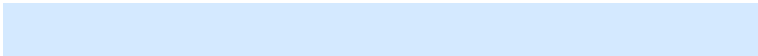
0.7974, 0.5078, 0.4350

Inverse Universe

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



48.6486, 0.2912, 0.3110



79.6293, 0.2859, 0.3062



43.1784, 0.2906, 0.2931



11.1492, 0.2983, 0.3172



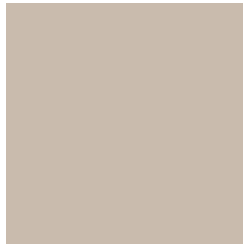
8.6281, 0.1776, 0.1593



0.5534, 0.1881, 0.1973

Previews

White Background



This preview shows how the Yxy color 50.9753, 0.3357, 0.3464 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 50.9753, 0.3357, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

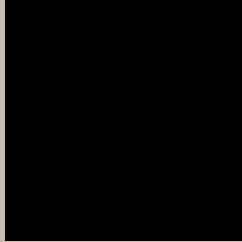
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9753, 0.3357, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 50.9753, 0.3357, 0.3464.



This preview shows how white text looks on a background with the Yxy color 50.9753, 0.3357, 0.3464.

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

50.9753, 0.3357, 0.3464

Protanopia

51.1869, 0.3303, 0.3479

Deuteranopia

51.0691, 0.3462, 0.3399



Tritanopia

50.7816, 0.3186, 0.3110

Trichromacy



Original Color

50.9753, 0.3357, 0.3464

Protanomaly

51.0282, 0.3322, 0.3465

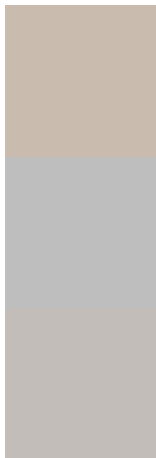
Deuteranomaly

50.8923, 0.3425, 0.3412

Tritanomaly

50.6516, 0.3249, 0.3229

Monochromacy



Original Color

50.9753, 0.3357, 0.3464

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3252, 0.3207, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9753, 0.3357, 0.3464 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(201, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 173)  
}
```

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(201, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 173) }
```

Border

The CSS property to change the border of an element to Yxy 50.9753, 0.3357, 0.3464 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(201, 187, 173) }
```

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

```
.border{ border-color:rgb(201, 187, 173) }
```

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

Here you see how a box with a 4 pixel rgb(201, 187, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9753, 0.3357, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 187, 173) }
```

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

```
.background{ background-color: rgb(201,  
187, 173) }
```

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