

Converting Colors

$Y_{xy}(50.9702, 0.3221, 0.3354)$

Have a look what the booklet for
Yxy(50.9702, 0.3221, 0.3354)
contains.

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Color

Yxy(50.9874, 0.3224, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCB7
RGB	195, 188, 183
RGB Percent	76%, 74%, 72%
CMY	0.2355, 0.2627, 0.2824
CMYK	0.00, 0.04, 0.06, 0.24
HSL	25°, 9%, 74%
HSV	25°, 6%, 76%
XYZ	49.0258, 50.9874, 52.0519
YIQ	189.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

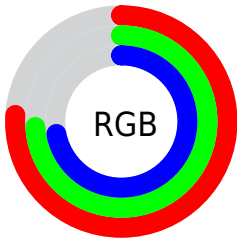
Format	Color
R_{YB}	195, 192, 183
Decimal	12827831
CIE Lab	76.67, 1.54, 3.40
CIE LCh	77, 3.730, 65.562
Yxy	50.9874, 0.3224, 0.3353
Android (android.graphics.Color)	4291017911 (0xFFC3BCB7)
YUV	189.5230, -3.2158, 4.8033
Hunter-Lab	71.4055, -2.4045, 6.7637

Details

The Yxy color **50.9874, 0.3224, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7971, 0.3034, 0.3226**, and the grayscale version is **51.2178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6288, 0.3210, 0.3339**, and **24.6024, 0.3248, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **45.5934, 0.3402, 0.3461**, and if you desaturate by 10%, it is **56.8761, 0.3071, 0.3252**.

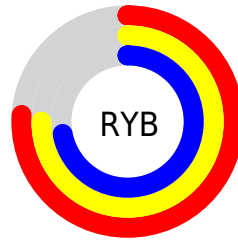
Distribution



Red (76%)

Green (74%)

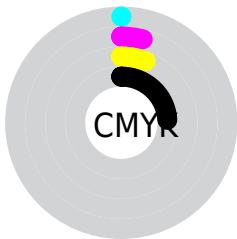
Blue (72%)



Red (76%)

Yellow (75%)

Blue (72%)

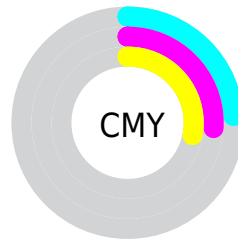


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9874, 0.3224, 0.3353 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 50.9874, 0.3224, 0.3353 by changing the saturation by 10% instead.

 50.9874, 0.3224,
0.3353

 50.9874, 0.3224,
0.3353


390.5148, 0.3176,
0.3322

 36.1986, 0.3236,
0.3361


 91.6361, 0.3207,
0.3342

 24.5876, 0.3251,
0.3370


118.2649, 0.3200,
0.3338

 15.7701, 0.3271,
0.3383


149.6090, 0.3195,
0.3334

 9.3616, 0.3298,
0.3400


186.0530, 0.3190,
0.3331

 4.9778, 0.3338,
0.3425

227.9811, 0.3186,
0.3328

 2.2342, 0.3403,
0.3465

275.7779, 0.3182,

 0.7386, 0.3617,

0.3326

0.3612

329.8277, 0.3179,
0.3324

■ 0.0000, 0.0000,
0.0000

■ 50.9874, 0.3224,
0.3353

■ 50.9874, 0.3224,
0.3353

■ 45.5934, 0.3402,
0.3461

■ 56.8761, 0.3071,
0.3252

■ 40.6743, 0.3608,
0.3574

■ 63.2655, 0.2939,
0.3158

■ 36.2184, 0.3843,
0.3688

■ 70.1700, 0.2825,
0.3072

■ 32.2113, 0.4109,
0.3798

■ 77.2107, 0.2759,
0.3054

■ 28.6375, 0.4400,
0.3896

■ 83.8203, 0.2769,
0.3177

■ 25.4805, 0.4709,
0.3970

■ 90.3356, 0.2778,
0.3289

■ 22.7228, 0.5019,
0.4007

■ 20.3448, 0.5308,
0.3996

■ 18.3242, 0.5555,
0.3932

Harmonies

Analogous

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



50.9874, 0.3222, 0.3314



50.9874, 0.3224, 0.3353



50.9874, 0.3200, 0.3375

Triad

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



50.9874, 0.3224, 0.3353



50.9874, 0.3060, 0.3311



50.9874, 0.3098, 0.3207

Complementary

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



50.9874, 0.3224, 0.3353



50.7971, 0.3034, 0.3226

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.



50.9874, 0.3055, 0.3206



50.9874, 0.3224, 0.3353



50.9874, 0.3033, 0.3265

Square

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



50.9874, 0.3224, 0.3353



50.9874, 0.3105, 0.3351



50.9874, 0.3031, 0.3227



50.9874, 0.3149, 0.3230

Rectangle

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



50.9874, 0.3224, 0.3353



50.9874, 0.3172, 0.3378



50.9874, 0.3031, 0.3227



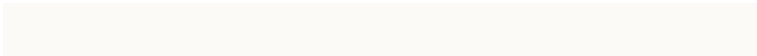
50.9874, 0.3082, 0.3204

Sweetspot

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



50.9896, 0.3224, 0.3353



95.5957, 0.3158, 0.3311



49.1753, 0.3173, 0.3203



20.9573, 0.3157, 0.3310



0.0000, 0.0000, 0.0000



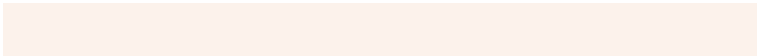
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9896, 0.3224, 0.3353



90.3944, 0.3240, 0.3363



53.5776, 0.3218, 0.3426



10.9848, 0.3247, 0.3367



11.6221, 0.5621, 0.3919



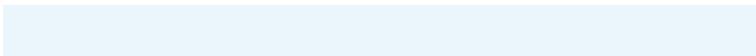
0.6383, 0.5226, 0.4232

Inverse Universe

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



50.7971, 0.3034, 0.3226



89.9972, 0.3019, 0.3216



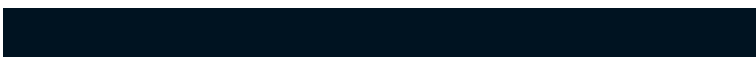
48.2801, 0.3035, 0.3150



10.9339, 0.3013, 0.3211



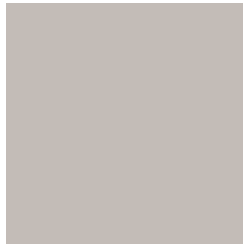
10.4051, 0.1852, 0.1866



0.5835, 0.1949, 0.2217

Previews

White Background



This preview shows how the Yxy color 50.9874, 0.3224, 0.3353 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 50.9874, 0.3224, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

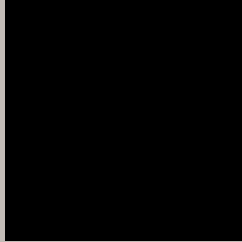
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9874, 0.3224, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 50.9874, 0.3224, 0.3353.

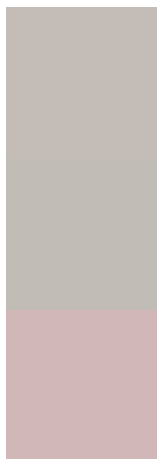


This preview shows how white text looks on a background with the Yxy color 50.9874, 0.3224, 0.3353.

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

50.9874, 0.3224, 0.3353

Protanopia

50.8547, 0.3216, 0.3353

Deuteranopia

50.8830, 0.3343, 0.3279



Tritanopia

50.7384, 0.3111, 0.3107

Trichromacy



Original Color

50.9874, 0.3224, 0.3353

Protanomaly

50.8547, 0.3216, 0.3353

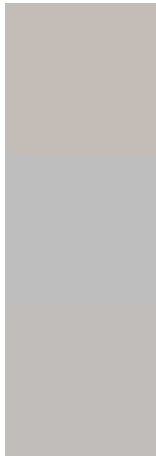
Deuteranomaly

50.9960, 0.3297, 0.3303

Tritanomaly

50.7486, 0.3148, 0.3192

Monochromacy



Original Color

50.9874, 0.3224, 0.3353

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1895, 0.3167, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9874, 0.3224, 0.3353 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(195, 188, 183)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 183)  
}
```

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(195, 188, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.9874, 0.3224, 0.3353 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(195, 188, 183) }
```

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

```
.border{ border-color:rgb(195, 188, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9874, 0.3224, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 183) }
```

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

```
.background{ background-color: rgb(195,  
188, 183) }
```

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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