

Converting Colors

$Yxy(50.7305, 0.3244, 0.3345)$

Have a look what the booklet for
Yxy(50.7305, 0.3244, 0.3345)
contains.

Yxy(50.8299, 0.3242, 0.3340)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8299, 0.3242, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	C5BBB7
RGB	197, 187, 183
RGB Percent	77%, 73%, 72%
CMY	0.2276, 0.2666, 0.2823
CMYK	0.00, 0.05, 0.07, 0.23
HSL	17°, 11%, 75%
HSV	17°, 7%, 77%
XYZ	49.3385, 50.8299, 52.0169
YIQ	189.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

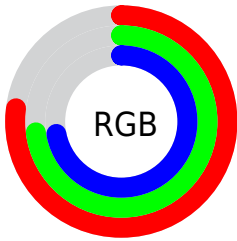
Format	Color
R_{YB}	197, 189, 183
Decimal	12958647
CIE Lab	76.58, 2.81, 3.27
CIE LCh	77, 4.305, 49.336
Yxy	50.8299, 0.3242, 0.3340
Android (android.graphics.Color)	4291148727 (0xFFC5BBB7)
YUV	189.5340, -3.2213, 6.5477
Hunter-Lab	71.2951, -1.2387, 6.6485

Details

The Yxy color **50.8299, 0.3242, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2252, 0.3019, 0.3239**, and the grayscale version is **51.2259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4040, 0.3224, 0.3329**, and **24.5015, 0.3273, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **44.3947, 0.3430, 0.3415**, and if you desaturate by 10%, it is **57.9678, 0.3084, 0.3270**.

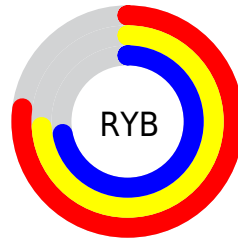
Distribution



Red (77%)

Green (73%)

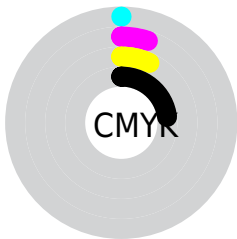
Blue (72%)



Red (77%)

Yellow (74%)

Blue (72%)

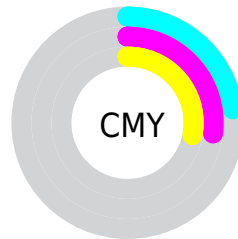


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (23%)



Cyan (23%)


Magenta (27%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8299, 0.3242, 0.3340 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 50.8299, 0.3242, 0.3340 by changing the saturation by 10% instead.


 50.8299, 0.3242,
0.3340

 50.8299, 0.3242,
0.3340

389.9026, 0.3185,
0.3316

 36.0733, 0.3256,
0.3346


 91.4033, 0.3222,
0.3331

 24.4908, 0.3274,
0.3353


117.9888, 0.3214,
0.3328

 15.6981, 0.3297,
0.3363


149.2861, 0.3207,
0.3325

 9.3108, 0.3330,
0.3377

185.6795, 0.3202,
0.3323

 4.9444, 0.3378,
0.3396

227.5535, 0.3197,
0.3321

 2.2147, 0.3456,
0.3427

275.2924, 0.3192,

 0.7280, 0.3704,

0.3319

0.3546

329.2806, 0.3189,
0.3317

0.0000, 0.0000,
0.0000

50.8299, 0.3242,
0.3340

50.8299, 0.3242,
0.3340

44.3947, 0.3430,
0.3415

57.9678, 0.3084,
0.3270

38.6340, 0.3653,
0.3493

65.8221, 0.2951,
0.3206

33.5275, 0.3916,
0.3572

74.4146, 0.2839,
0.3147

29.0516, 0.4220,
0.3647

83.3183, 0.2779,
0.3164

25.1808, 0.4563,
0.3710

90.6063, 0.2789,
0.3289

■ 21.8881, 0.4933,
0.3751

■ 19.1442, 0.5307,
0.3758

■ 16.9169, 0.5651,
0.3721

■ 15.1687, 0.5928,
0.3642

Harmonies

Analogous

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



50.8299, 0.3223, 0.3290



50.8299, 0.3242, 0.3340



50.8299, 0.3230, 0.3378

Triad

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



50.8299, 0.3242, 0.3340



50.8299, 0.3076, 0.3341



50.8299, 0.3065, 0.3190

Complementary

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



50.8299, 0.3242, 0.3340



52.2252, 0.3019, 0.3239

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.



50.8299, 0.3026, 0.3203



50.8299, 0.3242, 0.3340



50.8299, 0.3032, 0.3289

Square

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



50.8299, 0.3242, 0.3340



50.8299, 0.3133, 0.3379



50.8299, 0.3014, 0.3239



50.8299, 0.3121, 0.3204

Rectangle

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



50.8299, 0.3242, 0.3340



50.8299, 0.3205, 0.3390



50.8299, 0.3014, 0.3239



50.8299, 0.3049, 0.3191

Sweetspot

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



50.8321, 0.3242, 0.3340



97.3765, 0.3159, 0.3304



49.5896, 0.3166, 0.3167



20.8701, 0.3157, 0.3303



0.0000, 0.0000, 0.0000



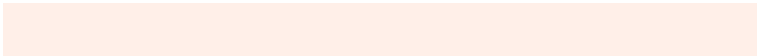
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8321, 0.3242, 0.3340



88.6045, 0.3278, 0.3355



53.8452, 0.3234, 0.3425



11.1239, 0.3282, 0.3357



9.8230, 0.5978, 0.3635



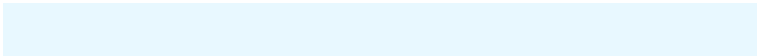
0.5918, 0.5556, 0.3970

Inverse Universe

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



52.2252, 0.3019, 0.3239



91.7787, 0.2987, 0.3224



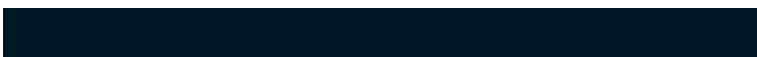
49.2322, 0.3020, 0.3151



11.5340, 0.2984, 0.3222



15.2398, 0.1983, 0.2339



0.8410, 0.2045, 0.2560

Previews

White Background



This preview shows how the Yxy color 50.8299, 0.3242, 0.3340 looks on a white background.

Color Contrast Check

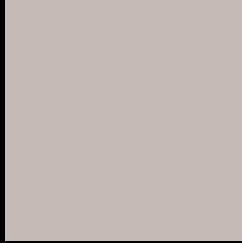
Large Text (above 18pt) WCAG AA × Fail

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 50.8299, 0.3242, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

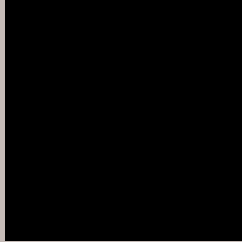
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

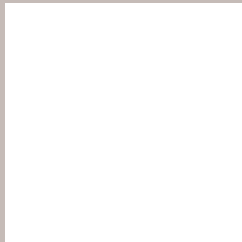
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8299, 0.3242, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 50.8299, 0.3242, 0.3340.



This preview shows how white text looks on a background with the Yxy color 50.8299, 0.3242, 0.3340.

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

50.8299, 0.3242, 0.3340

Protanopia

50.7646, 0.3200, 0.3340

Deuteranopia

50.8830, 0.3343, 0.3279



Tritanopia

50.9636, 0.3135, 0.3120

Trichromacy



Original Color

50.8299, 0.3242, 0.3340

Protanomaly

50.8965, 0.3208, 0.3340

Deuteranomaly

50.7208, 0.3307, 0.3291

Tritanomaly

50.9738, 0.3173, 0.3204

Monochromacy



Original Color

50.8299, 0.3242, 0.3340

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3205, 0.3176, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8299, 0.3242, 0.3340 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(197, 187, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 187, 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(197, 187, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.8299, 0.3242, 0.3340 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(197, 187, 183) }
```

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

```
.border{ border-color:rgb(197, 187, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 187, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 187, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 187, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 187,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8299, 0.3242, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 187, 183) }
```

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

```
.background{ background-color: rgb(197,  
187, 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](#).

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