

Converting Colors

$Y_{xy}(50.3243, 0.3260, 0.3353)$

Have a look what the booklet for
Yxy(50.3243, 0.3260, 0.3353)
contains.

Yxy(50.3243, 0.3260, 0.3353)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.3243, 0.3260, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	C5BAB5
RGB	197, 186, 181
RGB Percent	77%, 73%, 71%
CMY	0.2273, 0.2706, 0.2903
CMYK	0.00, 0.06, 0.08, 0.23
HSL	19°, 12%, 74%
HSV	19°, 8%, 77%
XYZ	48.9285, 50.3243, 50.8346
YIQ	188.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

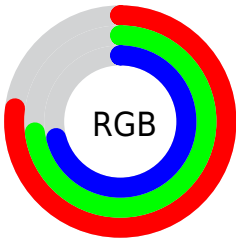
Format	Color
RYB	197, 188, 181
Decimal	12958389
CIELab	76.27, 3.02, 3.93
CIElCh	76, 4.953, 52.479
Yxy	50.3243, 0.3260, 0.3353
Android (android.graphics.Color)	4291148469 (0xFFC5BAB5)
YUV	188.7190, -3.8055, 7.2624
Hunter-Lab	70.9396, -1.0293, 7.1711

Details

The Yxy color `50.3243, 0.3260, 0.3353` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.5533, 0.3003, 0.3226`, and the grayscale version is `50.7408, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.6895, 0.3237, 0.3339`, and `24.1732, 0.3296, 0.3375` is the 20% darker color. If you saturate the color by 10%, you get `44.1388, 0.3450, 0.3435`, and if you desaturate by 10%, it is `57.1688, 0.3099, 0.3276`.

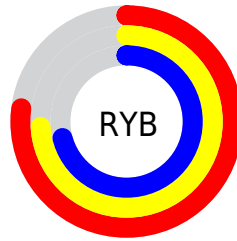
Distribution



Red (77%)

Green (73%)

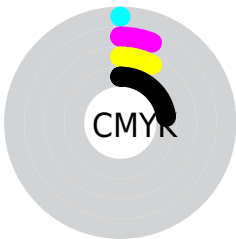
Blue (71%)



Red (77%)

Yellow (74%)

Blue (71%)

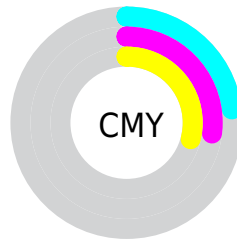


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (23%)



Cyan (23%)


Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3243, 0.3260, 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 50.3243, 0.3260, 0.3353 by changing the saturation by 10% instead.


 50.3243, 0.3260,
0.3353

 50.3243, 0.3260,
0.3353


387.9328, 0.3194,
0.3322

 35.6711, 0.3276,
0.3360


 90.6552, 0.3236,
0.3342

 24.1803, 0.3297,
0.3370


117.1017, 0.3227,
0.3338

 15.4674, 0.3324,
0.3382


148.2481, 0.3220,
0.3334

 9.1481, 0.3363,
0.3399

184.4789, 0.3213,
0.3331

 4.8379, 0.3419,
0.3424

226.1783, 0.3208,
0.3329

 2.1525, 0.3510,
0.3463

273.7309, 0.3203,

 0.6939, 0.3843,

0.3326

0.3637

327.5209, 0.3198,
0.3324

0.0000, 0.0000,
0.0000

50.3243, 0.3260,
0.3353

50.3243, 0.3260,
0.3353

44.1388, 0.3450,
0.3435

57.1688, 0.3099,
0.3276

38.5860, 0.3674,
0.3521

64.6845, 0.2964,
0.3205

33.6474, 0.3936,
0.3606

72.8917, 0.2849,
0.3140

29.3011, 0.4237,
0.3687

81.4959, 0.2777,
0.3131

25.5238, 0.4574,
0.3755

89.7706, 0.2788,
0.3275

■ 22.2907, 0.4934,
0.3798

■ 90.6144, 0.2789,
0.3289

■ 19.5748, 0.5294,
0.3805

■ 17.3465, 0.5623,
0.3766

■ 15.5699, 0.5891,
0.3684

Harmonies

Analogous

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



50.3243, 0.3242, 0.3296



50.3243, 0.3260, 0.3353



50.3243, 0.3242, 0.3394

Triad

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



50.3243, 0.3260, 0.3353



50.3243, 0.3061, 0.3343



50.3243, 0.3061, 0.3175

Complementary

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



50.3243, 0.3260, 0.3353



51.5533, 0.3003, 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.



50.3243, 0.3014, 0.3186



50.3243, 0.3260, 0.3353



50.3243, 0.3014, 0.3283

Square

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



50.3243, 0.3260, 0.3353



50.3243, 0.3127, 0.3389



50.3243, 0.2996, 0.3225



50.3243, 0.3127, 0.3194

Rectangle

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



50.3243, 0.3260, 0.3353



50.3243, 0.3212, 0.3407



50.3243, 0.2996, 0.3225



50.3243, 0.3042, 0.3175

Sweetspot

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



50.3265, 0.3260, 0.3353



97.4609, 0.3159, 0.3305



48.7256, 0.3175, 0.3151



20.8873, 0.3157, 0.3305



0.0000, 0.0000, 0.0000



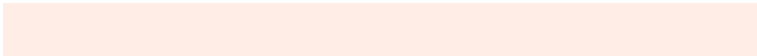
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3265, 0.3260, 0.3353



87.7935, 0.3296, 0.3369



53.7120, 0.3251, 0.3449



11.1697, 0.3282, 0.3363



10.1832, 0.5913, 0.3687



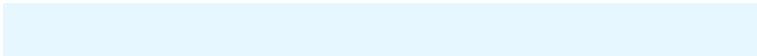
0.6131, 0.5497, 0.4018

Inverse Universe

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



51.5533, 0.3003, 0.3226



90.4924, 0.2972, 0.3210



48.2099, 0.3003, 0.3126



11.4857, 0.2984, 0.3216



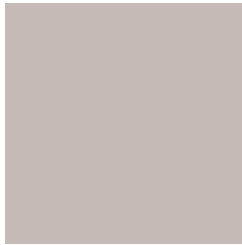
14.2641, 0.1957, 0.2245



0.8006, 0.2025, 0.2488

Previews

White Background



This preview shows how the Yxy color 50.3243, 0.3260, 0.3353 looks on a white background.

Color Contrast Check

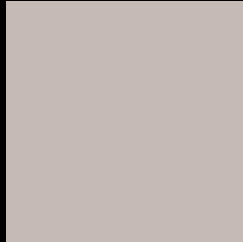
Large Text (above 18pt) WCAG AA × Fail

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 50.3243, 0.3260, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

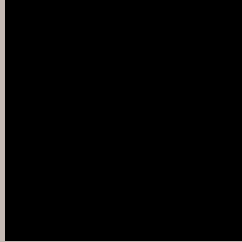
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

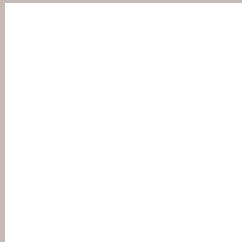
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3243, 0.3260, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 50.3243, 0.3260, 0.3353.



This preview shows how white text looks on a background with the Yxy color 50.3243, 0.3260, 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

50.3243, 0.3260, 0.3353

Protanopia

50.2555, 0.3216, 0.3353

Deuteranopia

50.3886, 0.3361, 0.3291



Tritanopia

50.0863, 0.3144, 0.3107

Trichromacy



Original Color

50.3243, 0.3260, 0.3353

Protanomaly

50.3874, 0.3225, 0.3353

Deuteranomaly

50.2235, 0.3325, 0.3303

Tritanomaly

50.0925, 0.3182, 0.3192

Monochromacy



Original Color

50.3243, 0.3260, 0.3353

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7181, 0.3176, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3243, 0.3260, 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(197, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 181)  
}
```

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, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.3243, 0.3260, 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(197, 186, 181) }
```

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

```
.border{ border-color:rgb(197, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3243, 0.3260, 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(197, 186, 181) }
```

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

```
.background{ background-color: rgb(197,  
186, 181) }
```

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