

Converting Colors

$Yxy(50.3801, 0.3353, 0.3773)$

Have a look what the booklet for
Yxy(50.3801, 0.3353, 0.3773)
contains.

Yxy(50.3801, 0.3353, 0.3773)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.3801, 0.3353, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	B9C09B
RGB	185, 192, 155
RGB Percent	73%, 75%, 61%
CMY	0.2745, 0.2470, 0.3921
CMYK	0.04, 0.00, 0.19, 0.25
HSL	71°, 23%, 68%
HSV	71°, 19%, 75%
XYZ	44.7719, 50.3801, 38.3759
YIQ	185.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

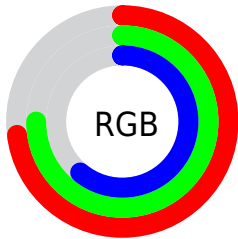
Format	Color
RYB	155, 192, 162
Decimal	12173467
CIELab	76.30, -8.81, 17.87
CIELCh	76, 19.923, 116.260
Yxy	50.3801, 0.3353, 0.3773
Android (android.graphics.Color)	4290363547 (0xFFB9C09B)
YUV	185.6890, -15.1297, -0.6043
Hunter-Lab	70.9789, -11.6193, 17.6291

Details

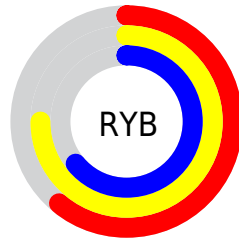
The Yxy color **50.3801, 0.3353, 0.3773** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9337, 0.2873, 0.2777**, and the grayscale version is **49.0031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4887, 0.3311, 0.3677**, and **24.3702, 0.3411, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **49.3406, 0.3469, 0.4035**, and if you desaturate by 10%, it is **51.5383, 0.3235, 0.3517**.

Distribution



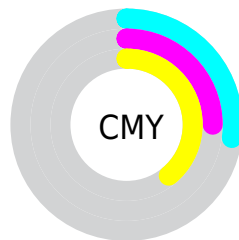
- Red (73%)
- Green (75%)
- Blue (61%)



- Red (61%)
- Yellow (75%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3801, 0.3353, 0.3773 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 50.3801, 0.3353, 0.3773 by changing the saturation by 10% instead.

■ 50.3801, 0.3353,
0.3773

■ 50.3801, 0.3353,
0.3773

388.1505, 0.3244,
0.3531

■ 35.7155, 0.3379,
0.3834

■ 90.7378, 0.3314,
0.3685

■ 24.2146, 0.3411,
0.3911

■ 117.1997, 0.3300,
0.3652

■ 15.4929, 0.3452,
0.4015

148.3628, 0.3287,
0.3624

■ 9.1660, 0.3507,
0.4159

184.6115, 0.3276,
0.3600

■ 4.8496, 0.3581,
0.4371

226.3303, 0.3267,
0.3579

■ 2.1593, 0.3697,
0.4733

273.9034, 0.3258,

■ 0.6977, 0.3910,

0.3561

0.6090

327.7154, 0.3251,
0.3545

0.0000, 0.0000,
0.0000

50.3801, 0.3353,
0.3773

50.3801, 0.3353,
0.3773

49.3406, 0.3469,
0.4035

51.5383, 0.3235,
0.3517

48.4081, 0.3580,
0.4297

52.8130, 0.3119,
0.3273

47.5795, 0.3679,
0.4547

54.2108, 0.3007,
0.3044

46.8491, 0.3762,
0.4776

55.7359, 0.2901,
0.2832

46.2104, 0.3824,
0.4973

57.3921, 0.2802,
0.2639

■ 45.6561, 0.3861,
0.5129

■ 58.1644, 0.2803,
0.2605

■ 45.1777, 0.3872,
0.5240

■ 58.6944, 0.2829,
0.2610

■ 44.7597, 0.3862,
0.5312

■ 59.2366, 0.2855,
0.2615

■ 44.7303, 0.3861,
0.5316

■ 59.7910, 0.2881,
0.2620

Harmonies

Analogous

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



50.3801, 0.3569, 0.3718



50.3801, 0.3353, 0.3773



50.3801, 0.3083, 0.3685

Triad

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



50.3801, 0.3353, 0.3773



50.3801, 0.2616, 0.2995



50.3801, 0.3421, 0.3110

Complementary

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



50.3801, 0.3353, 0.3773



34.9337, 0.2873, 0.2777

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.



50.3801, 0.3154, 0.2936



50.3801, 0.3353, 0.3773



50.3801, 0.2696, 0.2864

Square

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



50.3801, 0.3353, 0.3773



50.3801, 0.2664, 0.3217



50.3801, 0.2889, 0.2846



50.3801, 0.3612, 0.3331

Rectangle

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



50.3801, 0.3353, 0.3773



50.3801, 0.2909, 0.3555



50.3801, 0.2889, 0.2846



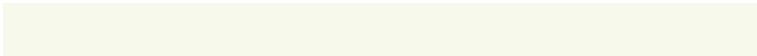
50.3801, 0.3337, 0.3044

Sweetspot

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



50.3823, 0.3353, 0.3773



94.0863, 0.3198, 0.3438



39.3401, 0.3484, 0.3381



20.1527, 0.3205, 0.3454



97.7402, 0.3127, 0.3290



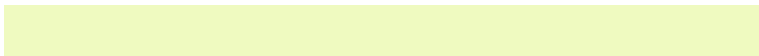
20.4902, 0.3127, 0.3290

Same Dimension

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



50.3823, 0.3353, 0.3773



90.4844, 0.3401, 0.3880



48.2544, 0.3198, 0.3797



11.6587, 0.3236, 0.3519



30.1281, 0.3865, 0.5313



1.3272, 0.3943, 0.5252

Inverse Universe

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



34.9337, 0.2873, 0.2777



57.5230, 0.2811, 0.2655



36.9882, 0.3040, 0.2802



9.8378, 0.3012, 0.3054



2.8439, 0.1597, 0.0653



0.1512, 0.1806, 0.0769

Previews

White Background



This preview shows how the Yxy color 50.3801, 0.3353, 0.3773 looks on a white background.

Color Contrast Check

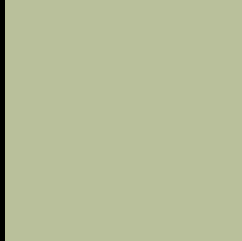
Large Text (above 18pt) WCAG AA × Fail

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 50.3801, 0.3353, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

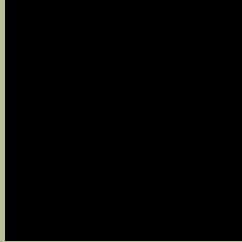
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

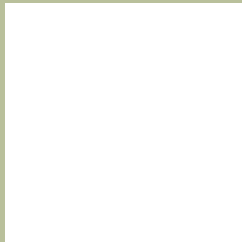
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3801, 0.3353, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 50.3801, 0.3353, 0.3773.



This preview shows how white text looks on a background with the Yxy color 50.3801, 0.3353, 0.3773.

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

50.3801, 0.3353, 0.3773

Protanopia

50.4085, 0.3501, 0.3732

Deuteranopia

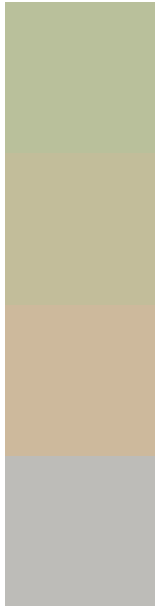
50.2338, 0.3650, 0.3579



Tritanopia

50.3643, 0.3061, 0.3117

Trichromacy



Original Color

50.3801, 0.3353, 0.3773

Protanomaly

50.1976, 0.3446, 0.3738

Deuteranomaly

50.0774, 0.3538, 0.3651

Tritanomaly

50.2459, 0.3166, 0.3341

Monochromacy



Original Color

50.3801, 0.3353, 0.3773

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5007, 0.3211, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3801, 0.3353, 0.3773 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(185, 192, 155)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 155)  
}
```

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(185, 192, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.3801, 0.3353, 0.3773 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(185, 192, 155) }
```

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

```
.border{ border-color:rgb(185, 192, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 155);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3801, 0.3353, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 155) }
```

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

```
.background{ background-color: rgb(185,  
192, 155) }
```

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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