

Converting Colors

$Yxy(52.7404, 0.3350, 0.3872)$

Have a look what the booklet for
Yxy(52.7404, 0.3350, 0.3872)
contains.

Yxy(52.8784, 0.3348, 0.3873)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8784, 0.3348, 0.3873)

Conversions

Conversions Part 1

Format	Color
Hex	B8C699
RGB	184, 198, 153
RGB Percent	72%, 78%, 60%
CMY	0.2785, 0.2235, 0.3999
CMYK	0.07, 0.00, 0.23, 0.22
HSL	79°, 28%, 69%
HSV	79°, 23%, 78%
XYZ	45.7105, 52.8784, 37.9419
YIQ	188.6840, 6.1010, -16.9630

Conversions

Conversions Part 2

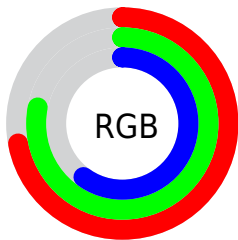
Format	Color
RYB	153, 198, 167
Decimal	12109465
CIELab	77.80, -12.59, 20.99
CIELCh	78, 24.474, 120.947
Yxy	52.8784, 0.3348, 0.3873
Android (android.graphics.Color)	4290299545 (0xFFB8C699)
YUV	188.6840, -17.5922, -4.1079
Hunter-Lab	72.7175, -15.0499, 19.9665

Details

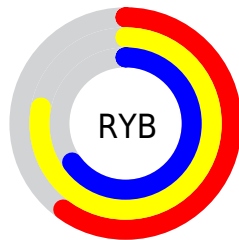
The Yxy color $52.8784, 0.3348, 0.3873$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $35.0854, 0.2868, 0.2682$, and the grayscale version is $50.7998, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.5993, 0.3307, 0.3765$, and $25.7311, 0.3403, 0.4030$ is the 20% darker color. If you saturate the color by 10%, you get $51.5344, 0.3441, 0.4147$, and if you desaturate by 10%, it is $54.3688, 0.3251, 0.3607$.

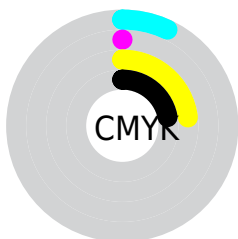
Distribution



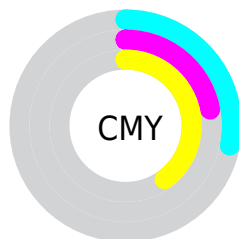
- Red (72%)
- Green (78%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8784, 0.3348, 0.3873 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 52.8784, 0.3348, 0.3873 by changing the saturation by 10% instead.

■ 52.8784, 0.3348,
0.3873

■ 52.8784, 0.3348,
0.3873

397.8184, 0.3244,
0.3581

■ 37.7057, 0.3372,
0.3946

■ 94.4254, 0.3312,
0.3767

■ 25.7544, 0.3401,
0.4039

■ 121.5685, 0.3298,
0.3727

■ 16.6400, 0.3437,
0.4162

153.4705, 0.3286,
0.3694

■ 9.9781, 0.3483,
0.4332

190.5159, 0.3275,
0.3665

■ 5.3845, 0.3540,
0.4581

233.0890, 0.3266,
0.3640

■ 2.4746, 0.3626,
0.5002

281.5742, 0.3258,

■ 0.8639, 0.3730,

0.3618

0.6270

336.3558, 0.3251,
0.3598

0.0000, 0.0000,
0.0000

52.8784, 0.3348,
0.3873

52.8784, 0.3348,
0.3873

51.5344, 0.3441,
0.4147

54.3688, 0.3251,
0.3607

50.3242, 0.3527,
0.4422

56.0041, 0.3153,
0.3356

49.2438, 0.3599,
0.4687

57.7916, 0.3058,
0.3121

48.2863, 0.3653,
0.4930

59.7362, 0.2967,
0.2906

47.4442, 0.3685,
0.5139

61.8425, 0.2881,
0.2710

■ 46.7089, 0.3693,
0.5304

■ 62.9833, 0.2906,
0.2689

■ 46.0700, 0.3675,
0.5421

■ 63.9695, 0.2950,
0.2697

■ 45.6521, 0.3651,
0.5483

■ 64.9916, 0.2994,
0.2704

■ 66.0500, 0.3039,
0.2712

Harmonies

Analogous

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



52.8784, 0.3626, 0.3827



52.8784, 0.3348, 0.3873



52.8784, 0.3020, 0.3741

Triad

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



52.8784, 0.3348, 0.3873



52.8784, 0.2519, 0.2899



52.8784, 0.3527, 0.3111

Complementary

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



52.8784, 0.3348, 0.3873



35.0854, 0.2868, 0.2682

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.



52.8784, 0.3210, 0.2893



52.8784, 0.3348, 0.3873



52.8784, 0.2637, 0.2766

Square

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



52.8784, 0.3348, 0.3873



52.8784, 0.2553, 0.3151



52.8784, 0.2885, 0.2768



52.8784, 0.3737, 0.3378

Rectangle

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



52.8784, 0.3348, 0.3873



52.8784, 0.2819, 0.3568



52.8784, 0.2885, 0.2768



52.8784, 0.3428, 0.3031

Sweetspot

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



52.8807, 0.3348, 0.3873



97.8637, 0.3196, 0.3464



41.7673, 0.3550, 0.3466



20.9088, 0.3202, 0.3479



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.



52.8807, 0.3348, 0.3873



92.4881, 0.3392, 0.4001



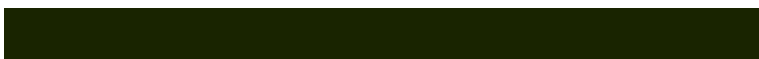
50.3746, 0.3168, 0.3907



12.2449, 0.3218, 0.3522



29.7338, 0.3658, 0.5477



1.4450, 0.3773, 0.5386

Inverse Universe

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



35.0854, 0.2868, 0.2682



55.7528, 0.2805, 0.2541



37.6862, 0.3069, 0.2717



10.4451, 0.3030, 0.3055



3.3512, 0.1725, 0.0724



0.1975, 0.1963, 0.0855

Previews

White Background



This preview shows how the Yxy color 52.8784, 0.3348, 0.3873 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 52.8784, 0.3348, 0.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

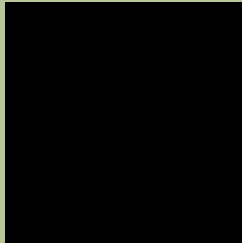
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8784, 0.3348, 0.3873

Background



This preview shows how black text looks on a background with the Yxy color 52.8784, 0.3348, 0.3873.



This preview shows how white text looks on a background with the Yxy color 52.8784, 0.3348, 0.3873.

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

52.8784, 0.3348, 0.3873

Protanopia

52.8804, 0.3567, 0.3808

Deuteranopia

52.7862, 0.3700, 0.3631



Tritanopia

52.7942, 0.3016, 0.3107

Trichromacy



Original Color

52.8784, 0.3348, 0.3873

Protanomaly

52.6883, 0.3484, 0.3831

Deuteranomaly

52.7488, 0.3568, 0.3717

Tritanomaly

52.8628, 0.3131, 0.3378

Monochromacy



Original Color

52.8784, 0.3348, 0.3873

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3987, 0.3208, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8784, 0.3348, 0.3873 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(184, 198, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 153)  
}
```

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(184, 198, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 153) }
```

Border

The CSS property to change the border of an element to Yxy 52.8784, 0.3348, 0.3873 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(184, 198, 153) }
```

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

```
.border{ border-color:rgb(184, 198, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8784, 0.3348, 0.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 153) }
```

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

```
.background{ background-color: rgb(184,  
198, 153) }
```

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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