

Converting Colors

$Yxy(53.7357, 0.3290, 0.3862)$

Have a look what the booklet for
Yxy(53.7357, 0.3290, 0.3862)
contains.

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Color

Yxy(53.9973, 0.3296, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	B5C99C
RGB	181, 201, 156
RGB Percent	71%, 79%, 61%
CMY	0.2902, 0.2117, 0.3883
CMYK	0.10, 0.00, 0.22, 0.21
HSL	87°, 29%, 70%
HSV	87°, 22%, 79%
XYZ	45.9409, 53.9973, 39.4456
YIQ	189.8900, 2.5250, -18.2350

Conversions

Conversions Part 2

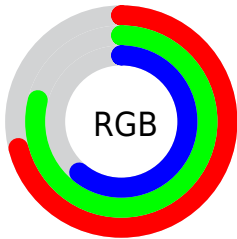
Format	Color
RYB	156, 201, 176
Decimal	11913628
CIELab	78.46, -14.76, 20.29
CIELCh	78, 25.089, 126.039
Yxy	53.9973, 0.3296, 0.3874
Android (android.graphics.Color)	4290103708 (0xFFB5C99C)
YUV	189.8900, -16.7078, -7.7965
Hunter-Lab	73.4829, -16.9982, 19.6111

Details

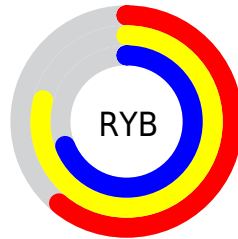
The Yxy color **53.9973, 0.3296, 0.3874** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2188, 0.2925, 0.2699**, and the grayscale version is **51.5226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2277, 0.3270, 0.3737**, and **26.4766, 0.3332, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **52.3284, 0.3367, 0.4160**, and if you desaturate by 10%, it is **55.8529, 0.3221, 0.3602**.

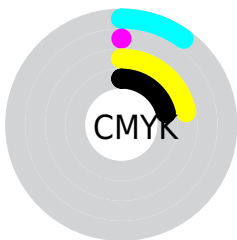
Distribution



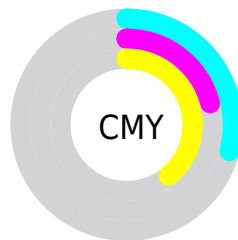
- Red (71%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)




- Cyan (29%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9973, 0.3296, 0.3874 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 53.9973, 0.3296, 0.3874 by changing the saturation by 10% instead.


 53.9973, 0.3296,
0.3874

 53.9973, 0.3296,
0.3874


402.0997, 0.3218,
0.3582

 38.5995, 0.3313,
0.3947


 96.0703, 0.3269,
0.3768

 26.4483, 0.3334,
0.4040


 123.5143, 0.3259,
0.3728

 17.1593, 0.3360,
0.4164


155.7424, 0.3250,
0.3694

 10.3482, 0.3391,
0.4335

193.1391, 0.3242,
0.3665

 5.6304, 0.3428,
0.4587

236.0888, 0.3235,
0.3640

 2.6217, 0.3468,
0.4995

284.9759, 0.3229,

 0.9376, 0.3611,

0.3618

0.6389

340.1847, 0.3223,
0.3599

0.0000, 0.0000,
0.0000

53.9973, 0.3296,
0.3874

53.9973, 0.3296,
0.3874

52.3284, 0.3367,
0.4160

55.8529, 0.3221,
0.3602

50.8323, 0.3429,
0.4451

57.8945, 0.3145,
0.3348

49.5040, 0.3479,
0.4738

60.1305, 0.3071,
0.3115

48.3356, 0.3511,
0.5007

62.5667, 0.2999,
0.2903

47.3182, 0.3523,
0.5243

65.1125, 0.2940,
0.2727

■ 46.4419, 0.3512,
0.5435

■ 66.5921, 0.3004,
0.2737

■ 45.6951, 0.3477,
0.5574

■ 68.1481, 0.3068,
0.2748

■ 45.1991, 0.3441,
0.5650

■ 69.7815, 0.3133,
0.2759

■ 70.2570, 0.3152,
0.2762

Harmonies

Analogous

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



53.9973, 0.3594, 0.3856



53.9973, 0.3296, 0.3874



53.9973, 0.2963, 0.3710

Triad

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



53.9973, 0.3296, 0.3874



53.9973, 0.2519, 0.2859



53.9973, 0.3581, 0.3152

Complementary

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



53.9973, 0.3296, 0.3874



37.2188, 0.2925, 0.2699

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.



53.9973, 0.3269, 0.2918



53.9973, 0.3296, 0.3874



53.9973, 0.2663, 0.2748

Square

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



53.9973, 0.3296, 0.3874



53.9973, 0.2526, 0.3098



53.9973, 0.2933, 0.2773



53.9973, 0.3768, 0.3426

Rectangle

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



53.9973, 0.3296, 0.3874



53.9973, 0.2767, 0.3521



53.9973, 0.2933, 0.2773



53.9973, 0.3486, 0.3067

Sweetspot

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



53.9997, 0.3296, 0.3874



97.4292, 0.3181, 0.3465



45.6710, 0.3527, 0.3539



20.8081, 0.3186, 0.3480



0.0000, 0.0000, 0.0000



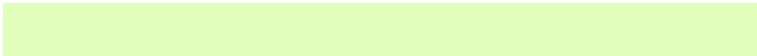
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9997, 0.3296, 0.3874



90.9819, 0.3332, 0.4015



51.5461, 0.3121, 0.3906



12.1734, 0.3198, 0.3523



28.4720, 0.3451, 0.5642



1.3906, 0.3601, 0.5522

Inverse Universe

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



37.2188, 0.2925, 0.2699



57.1154, 0.2871, 0.2555



39.9955, 0.3125, 0.2734



10.5143, 0.3051, 0.3056



4.0504, 0.1929, 0.0836



0.2346, 0.2168, 0.0968

Previews

White Background



This preview shows how the Yxy color 53.9973, 0.3296, 0.3874 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 53.9973, 0.3296, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

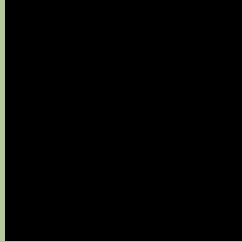
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9973, 0.3296, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 53.9973, 0.3296, 0.3874.

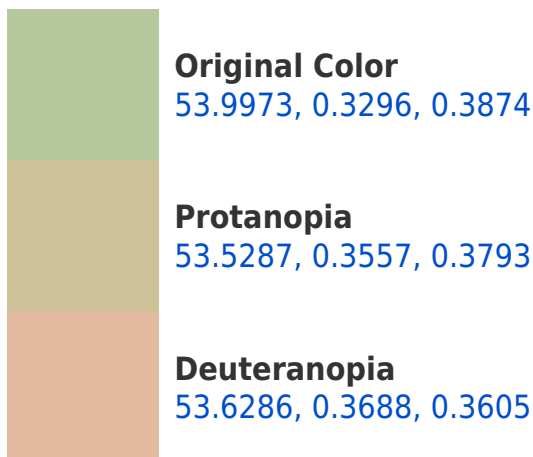


This preview shows how white text looks on a background with the Yxy color 53.9973, 0.3296, 0.3874.

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

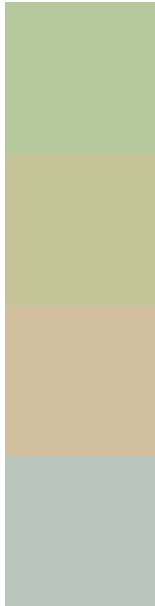




Tritanopia

54.0058, 0.2980, 0.3107

Trichromacy



Original Color

53.9973, 0.3296, 0.3874

Protanomaly

53.6501, 0.3463, 0.3829

Deuteranomaly

53.2855, 0.3540, 0.3692

Tritanomaly

54.0893, 0.3092, 0.3378

Monochromacy



Original Color

53.9973, 0.3296, 0.3874

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3627, 0.3190, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9973, 0.3296, 0.3874 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(181, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 201, 156)  
}
```

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(181, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 201, 156) }
```

Border

The CSS property to change the border of an element to Yxy 53.9973, 0.3296, 0.3874 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(181, 201, 156) }
```

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

```
.border{ border-color:rgb(181, 201, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 201, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(181, 201,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9973, 0.3296, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 201, 156) }
```

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

```
.background{ background-color: rgb(181,  
201, 156) }
```

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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