

Converting Colors

$Yxy(53.5367, 0.3225, 0.3663)$

Have a look what the booklet for
Yxy(53.5367, 0.3225, 0.3663)
contains.

Yxy(53.4431, 0.3229, 0.3662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.4431, 0.3229, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	B8C6A9
RGB	184, 198, 169
RGB Percent	72%, 78%, 66%
CMY	0.2784, 0.2235, 0.3372
CMYK	0.07, 0.00, 0.15, 0.22
HSL	89°, 20%, 72%
HSV	89°, 15%, 78%
XYZ	47.1239, 53.4431, 45.3726
YIQ	190.5080, 0.9650, -11.9870

Conversions

Conversions Part 2

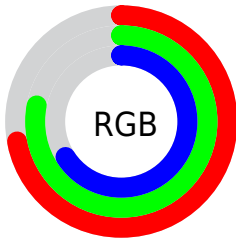
Format	Color
RYB	169, 198, 183
Decimal	12109481
CIELab	78.14, -10.02, 12.92
CIELCh	78, 16.350, 127.809
Yxy	53.4431, 0.3229, 0.3662
Android (android.graphics.Color)	4290299561 (0xFFB8C6A9)
YUV	190.5080, -10.6034, -5.7075
Hunter-Lab	73.1048, -12.8709, 14.3749

Details

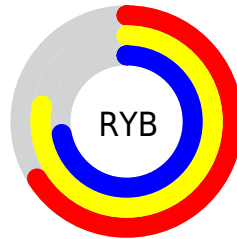
The Yxy color **53.4431, 0.3229, 0.3662** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.5260, 0.3013, 0.2917**, and the grayscale version is **51.8646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4271, 0.3213, 0.3601**, and **26.0562, 0.3254, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **51.6159, 0.3297, 0.3940**, and if you desaturate by 10%, it is **55.4674, 0.3159, 0.3403**.

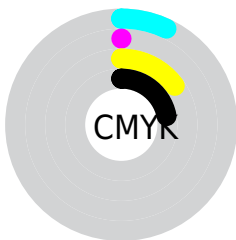
Distribution



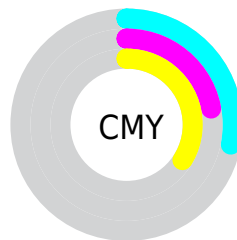
- Red (72%)
- Green (78%)
- Blue (66%)



- Red (66%)
- Yellow (78%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4431, 0.3229, 0.3662 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 53.4431, 0.3229, 0.3662 by changing the saturation by 10% instead.


 53.4431, 0.3229,
0.3662

 53.4431, 0.3229,
0.3662


399.9828, 0.3181,
0.3477

 38.1566, 0.3240,
0.3708


 95.2561, 0.3212,
0.3595

 26.1043, 0.3254,
0.3767


122.5513, 0.3206,
0.3570

 16.9017, 0.3271,
0.3845

154.6183, 0.3200,
0.3548

 10.1644, 0.3294,
0.3953

191.8414, 0.3195,
0.3530

 5.5081, 0.3324,
0.4113

234.6050, 0.3191,
0.3514

 2.5484, 0.3363,
0.4373

283.2935, 0.3187,

 0.9008, 0.3846,

0.3500

0.5666

338.2913, 0.3184,
0.3488

0.0000, 0.0000,
0.0000

53.4431, 0.3229,
0.3662

53.4431, 0.3229,
0.3662

51.6159, 0.3297,
0.3940

55.4674, 0.3159,
0.3403

49.9722, 0.3359,
0.4231

57.6880, 0.3090,
0.3165

48.5073, 0.3413,
0.4527

60.1133, 0.3023,
0.2950

47.2136, 0.3453,
0.4817

62.7488, 0.2959,
0.2756

46.0829, 0.3475,
0.5086

64.7334, 0.2983,
0.2703

■ 45.1060, 0.3477,
0.5321

■ 66.3755, 0.3053,
0.2715

■ 44.2727, 0.3456,
0.5507

■ 68.1059, 0.3123,
0.2727

■ 43.5708, 0.3414,
0.5638

■ 68.8696, 0.3153,
0.2732

■ 43.2374, 0.3386,
0.5693

Harmonies

Analogous

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



53.4431, 0.3426, 0.3664



53.4431, 0.3229, 0.3662



53.4431, 0.3010, 0.3550

Triad

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



53.4431, 0.3229, 0.3662



53.4431, 0.2725, 0.3003



53.4431, 0.3433, 0.3212

Complementary

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



53.4431, 0.3229, 0.3662



42.5260, 0.3013, 0.2917

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.



53.4431, 0.3236, 0.3050



53.4431, 0.3229, 0.3662



53.4431, 0.2829, 0.2929

Square

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



53.4431, 0.3229, 0.3662



53.4431, 0.2725, 0.3159



53.4431, 0.3014, 0.2947



53.4431, 0.3547, 0.3397

Rectangle

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



53.4431, 0.3229, 0.3662



53.4431, 0.2881, 0.3429



53.4431, 0.3014, 0.2947



53.4431, 0.3374, 0.3153

Sweetspot

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



53.4454, 0.3229, 0.3662



98.4382, 0.3155, 0.3389



48.5490, 0.3372, 0.3461



21.0083, 0.3161, 0.3408



0.0000, 0.0000, 0.0000



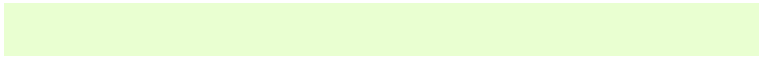
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4454, 0.3229, 0.3662



93.4245, 0.3254, 0.3761



51.7981, 0.3117, 0.3675



12.1531, 0.3192, 0.3523



28.1686, 0.3396, 0.5686



1.3768, 0.3554, 0.5560

Inverse Universe

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



42.5260, 0.3013, 0.2917



69.9028, 0.2980, 0.2818



44.3327, 0.3135, 0.2931



10.5345, 0.3057, 0.3057



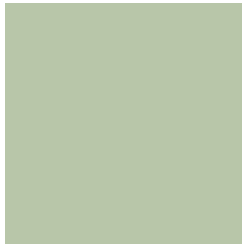
4.3054, 0.1999, 0.0875



0.2469, 0.2233, 0.1004

Previews

White Background



This preview shows how the Yxy color 53.4431, 0.3229, 0.3662 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 53.4431, 0.3229, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

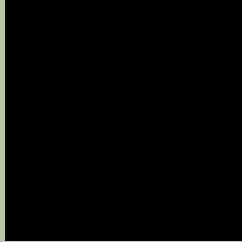
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4431, 0.3229, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 53.4431, 0.3229, 0.3662.

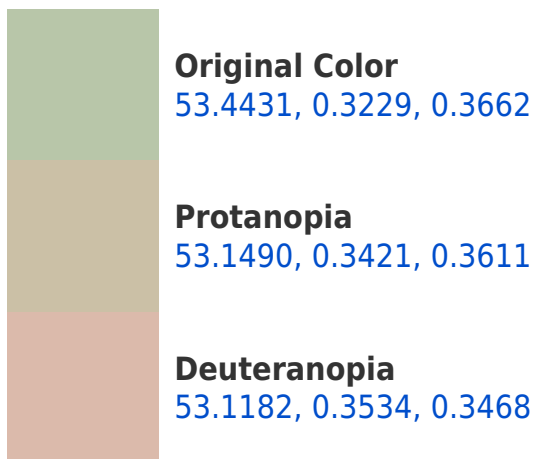


This preview shows how white text looks on a background with the Yxy color 53.4431, 0.3229, 0.3662.

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

53.6411, 0.2994, 0.3107

Trichromacy



Original Color

53.4431, 0.3229, 0.3662

Protanomaly

53.1094, 0.3350, 0.3629

Deuteranomaly

52.8510, 0.3419, 0.3535

Tritanomaly

53.6166, 0.3079, 0.3302

Monochromacy



Original Color

53.4431, 0.3229, 0.3662

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6938, 0.3161, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4431, 0.3229, 0.3662 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 169) }
```

Border

The CSS property to change the border of an element to Yxy 53.4431, 0.3229, 0.3662 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, 169) }
```

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

```
.border{ border-color:rgb(184, 198, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4431, 0.3229, 0.3662 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, 169) }
```

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

```
.background{ background-color: rgb(184,  
198, 169) }
```

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