

Converting Colors

$Yxy(53.0019, 0.3522, 0.3987)$

Have a look what the booklet for
Yxy(53.0019, 0.3522, 0.3987)
contains.

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Color

Yxy(52.8723, 0.3529, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	C2C48D
RGB	194, 196, 141
RGB Percent	76%, 77%, 55%
CMY	0.2392, 0.2314, 0.4470
CMYK	0.01, 0.00, 0.28, 0.23
HSL	62°, 32%, 66%
HSV	62°, 28%, 77%
XYZ	46.7987, 52.8723, 32.9408
YIQ	189.1320, 16.4630, -17.5290

Conversions

Conversions Part 2

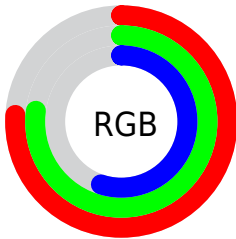
Format	Color
RYB	141, 196, 143
Decimal	12764301
CIELab	77.80, -9.49, 27.46
CIELCh	78, 29.053, 109.057
Yxy	52.8723, 0.3529, 0.3987
Android (android.graphics.Color)	4290954381 (0xFFC2C48D)
YUV	189.1320, -23.7291, 4.2692
Hunter-Lab	72.7133, -12.3648, 24.0397

Details

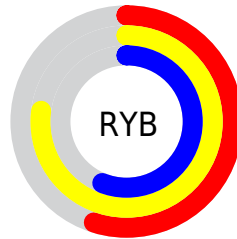
The Yxy color **52.8723, 0.3529, 0.3987** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.8771, 0.2660, 0.2492**, and the grayscale version is **51.1022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6999, 0.3461, 0.3867**, and **25.6596, 0.3635, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **52.2483, 0.3668, 0.4232**, and if you desaturate by 10%, it is **53.6047, 0.3385, 0.3735**.

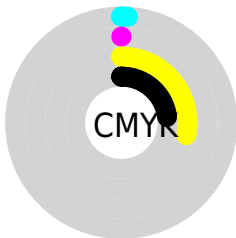
Distribution



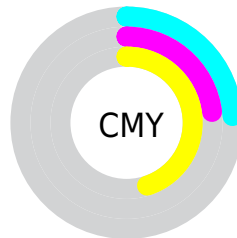
- Red (76%)
- Green (77%)
- Blue (55%)



- Red (55%)
- Yellow (77%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8723, 0.3529, 0.3987 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 52.8723, 0.3529, 0.3987 by changing the saturation by 10% instead.

 52.8723, 0.3529,
0.3987

 52.8723, 0.3529,
0.3987


397.7950, 0.3338,
0.3641


 37.7008, 0.3573,
0.4072


 94.4164, 0.3462,
0.3862

 25.7506, 0.3627,
0.4179


 121.5579, 0.3436,
0.3815

 16.6371, 0.3695,
0.4319


 153.4581, 0.3414,
0.3775

 9.9761, 0.3780,
0.4508

190.5016, 0.3395,
0.3741

 5.3831, 0.3887,
0.4774

233.0726, 0.3378,
0.3711

 2.4738, 0.4158,
0.5354

281.5555, 0.3363,

 0.8635, 0.4056,

0.3685

0.5944

336.3349, 0.3350,
0.3662

0.0000, 0.0000,
0.0000

52.8723, 0.3529,
0.3987

52.8723, 0.3529,
0.3987

52.2483, 0.3668,
0.4232

53.6047, 0.3385,
0.3735

51.7202, 0.3797,
0.4462

54.4435, 0.3241,
0.3486

51.2845, 0.3910,
0.4665

55.3958, 0.3100,
0.3244

50.9344, 0.4002,
0.4835

56.4659, 0.2967,
0.3015

50.6627, 0.4069,
0.4964

57.6582, 0.2841,
0.2801

■ 50.4604, 0.4110,
0.5049

■ 58.7418, 0.2747,
0.2639

■ 50.3144, 0.4128,
0.5095

■ 58.8385, 0.2752,
0.2640

■ 50.2884, 0.4130,
0.5103

■ 58.9356, 0.2756,
0.2640

■ 59.0332, 0.2761,
0.2641

Harmonies

Analogous

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



52.8723, 0.3810, 0.3849



52.8723, 0.3529, 0.3987



52.8723, 0.3151, 0.3919

Triad

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



52.8723, 0.3529, 0.3987



52.8723, 0.2407, 0.2926



52.8723, 0.3460, 0.2967

Complementary

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



52.8723, 0.3529, 0.3987



28.8771, 0.2660, 0.2492

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.



52.8723, 0.3065, 0.2752



52.8723, 0.3529, 0.3987



52.8723, 0.2475, 0.2714

Square

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



52.8723, 0.3529, 0.3987



52.8723, 0.2514, 0.3266



52.8723, 0.2709, 0.2658



52.8723, 0.3776, 0.3262

Rectangle

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



52.8723, 0.3529, 0.3987



52.8723, 0.2897, 0.3754



52.8723, 0.2709, 0.2658



52.8723, 0.3331, 0.2884

Sweetspot

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



52.8747, 0.3529, 0.3987



98.6155, 0.3242, 0.3487



33.2566, 0.3727, 0.3316



21.0553, 0.3263, 0.3525



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.



52.8747, 0.3529, 0.3987



95.0289, 0.3620, 0.4147



49.5833, 0.3295, 0.4043



11.7392, 0.3259, 0.3518



32.3207, 0.4131, 0.5102



1.4024, 0.4146, 0.5090

Inverse Universe

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



28.8771, 0.2660, 0.2492



44.0429, 0.2531, 0.2275



31.6216, 0.2910, 0.2546



9.7650, 0.2989, 0.3052



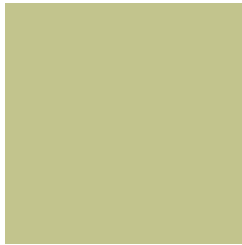
2.5983, 0.1513, 0.0607



0.1184, 0.1562, 0.0634

Previews

White Background



This preview shows how the Yxy color 52.8723, 0.3529, 0.3987 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 52.8723, 0.3529, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

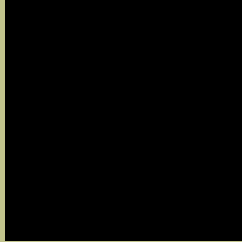
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

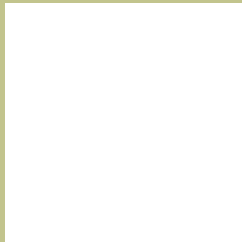
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8723, 0.3529, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 52.8723, 0.3529, 0.3987.



This preview shows how white text looks on a background with the Yxy color 52.8723, 0.3529, 0.3987.

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

52.8723, 0.3529, 0.3987

Protanopia

52.8288, 0.3672, 0.3940

Deuteranopia

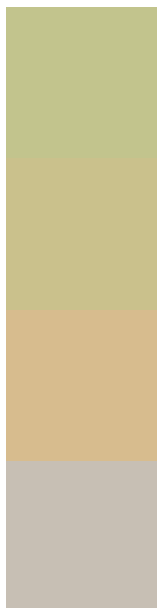
52.5950, 0.3850, 0.3766



Tritanopia

52.8348, 0.3127, 0.3111

Trichromacy



Original Color

52.8723, 0.3529, 0.3987

Protanomaly

52.5899, 0.3616, 0.3949

Deuteranomaly

52.3665, 0.3734, 0.3843

Tritanomaly

52.6990, 0.3278, 0.3426

Monochromacy



Original Color

52.8723, 0.3529, 0.3987

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7542, 0.3272, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8723, 0.3529, 0.3987 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(194, 196, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 141)  
}
```

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(194, 196, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 141) }
```

Border

The CSS property to change the border of an element to Yxy 52.8723, 0.3529, 0.3987 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(194, 196, 141) }
```

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

```
.border{ border-color:rgb(194, 196, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 141);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8723, 0.3529, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 141) }
```

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

```
.background{ background-color: rgb(194,  
196, 141) }
```

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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