

Converting Colors

Yxy(51.5401, 0.3385, 0.3659)

Have a look what the booklet for
Yxy(51.5401, 0.3385, 0.3659)
contains.

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Color

Yxy(51.4723, 0.3386, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	C3BFA2
RGB	195, 191, 162
RGB Percent	76%, 75%, 64%
CMY	0.2353, 0.2510, 0.3646
CMYK	0.00, 0.02, 0.17, 0.24
HSL	53°, 22%, 70%
HSV	53°, 17%, 76%
XYZ	47.6580, 51.4723, 41.6198
YIQ	188.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

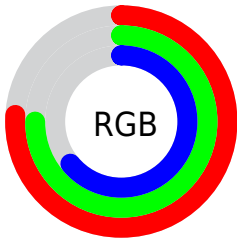
Format	Color
RYB	167, 195, 162
Decimal	12828578
CIELab	76.96, -3.48, 15.14
CIELCh	77, 15.531, 102.962
Yxy	51.4723, 0.3386, 0.3657
Android (android.graphics.Color)	4291018658 (0xFFC3BFA2)
YUV	188.8900, -13.2568, 5.3585
Hunter-Lab	71.7442, -6.9790, 15.8260

Details

The Yxy color **51.4723, 0.3386, 0.3657** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9022, 0.2857, 0.2894**, and the grayscale version is **50.8964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2267, 0.3343, 0.3588**, and **24.9655, 0.3456, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **49.8142, 0.3548, 0.3880**, and if you desaturate by 10%, it is **53.2591, 0.3230, 0.3437**.

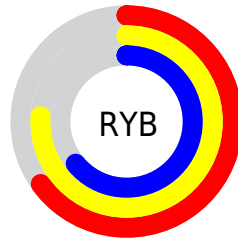
Distribution



Red (76%)

Green (75%)

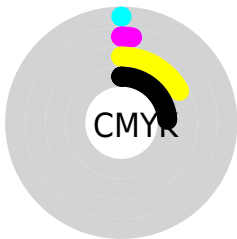
Blue (64%)



Red (65%)

Yellow (76%)

Blue (64%)

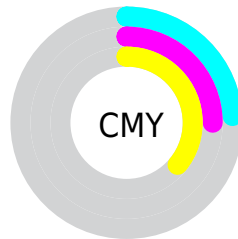


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4723, 0.3386, 0.3657 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 51.4723, 0.3386, 0.3657 by changing the saturation by 10% instead.

 51.4723, 0.3386,
0.3657


 51.4723, 0.3386,
0.3657


392.3960, 0.3260,
0.3475

 36.5846, 0.3417,
0.3702


 92.3525, 0.3341,
0.3591

 24.8860, 0.3455,
0.3759


 119.1139, 0.3324,
0.3567

 15.9922, 0.3506,
0.3834


150.6019, 0.3309,
0.3546

 9.5186, 0.3574,
0.3937


187.2010, 0.3296,
0.3528

 5.0810, 0.3670,
0.4088

229.2956, 0.3285,
0.3512

 2.2949, 0.3816,
0.4325

277.2700, 0.3276,

 0.7710, 0.4566,

0.3498

0.5434

331.5087, 0.3267,
0.3486

0.0000, 0.0000,
0.0000

51.4723, 0.3386,
0.3657

51.4723, 0.3386,
0.3657

49.8142, 0.3548,
0.3880

53.2591, 0.3230,
0.3437

48.2728, 0.3712,
0.4100

55.1723, 0.3083,
0.3226

46.8451, 0.3872,
0.4308

57.2188, 0.2946,
0.3026

45.5252, 0.4022,
0.4494

59.4026, 0.2820,
0.2839

44.3066, 0.4156,
0.4649

61.4329, 0.2731,
0.2712

■ 43.1819, 0.4267,
0.4764

■ 62.5529, 0.2733,
0.2739

■ 42.1426, 0.4351,
0.4836

■ 63.6900, 0.2736,
0.2766

■ 41.1773, 0.4408,
0.4864

■ 64.8441, 0.2738,
0.2793

■ 40.8866, 0.4424,
0.4869

■ 66.0153, 0.2740,
0.2820

Harmonies

Analogous

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



51.4723, 0.3516, 0.3576



51.4723, 0.3386, 0.3657



51.4723, 0.3189, 0.3636

Triad

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



51.4723, 0.3386, 0.3657



51.4723, 0.2732, 0.3134



51.4723, 0.3268, 0.3082

Complementary

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



51.4723, 0.3386, 0.3657



38.9022, 0.2857, 0.2894

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.



51.4723, 0.3054, 0.2972



51.4723, 0.3386, 0.3657



51.4723, 0.2751, 0.2995

Square

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



51.4723, 0.3386, 0.3657



51.4723, 0.2815, 0.3324



51.4723, 0.2867, 0.2939



51.4723, 0.3447, 0.3245

Rectangle

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



51.4723, 0.3386, 0.3657



51.4723, 0.3048, 0.3563



51.4723, 0.2867, 0.2939



51.4723, 0.3197, 0.3038

Sweetspot

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



51.4746, 0.3386, 0.3657



96.0078, 0.3202, 0.3398



40.2213, 0.3405, 0.3234



20.9722, 0.3213, 0.3413



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.



51.4746, 0.3386, 0.3657



91.1653, 0.3441, 0.3733



51.6907, 0.3276, 0.3719



11.5438, 0.3268, 0.3491



26.6596, 0.4420, 0.4872



1.2116, 0.4363, 0.4918

Inverse Universe

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



38.9022, 0.2857, 0.2894



64.7499, 0.2796, 0.2805



38.8035, 0.2959, 0.2852



9.9397, 0.2983, 0.3081



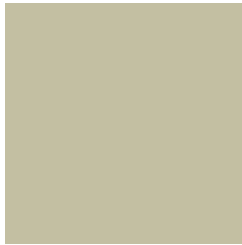
3.0408, 0.1528, 0.0699



0.1976, 0.1609, 0.0994

Previews

White Background



This preview shows how the Yxy color 51.4723, 0.3386, 0.3657 looks on a white background.

Color Contrast Check

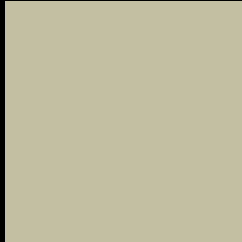
Large Text (above 18pt) WCAG AA × Fail

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 51.4723, 0.3386, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

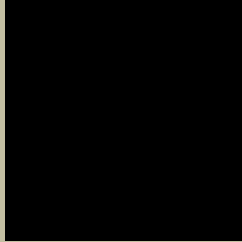
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

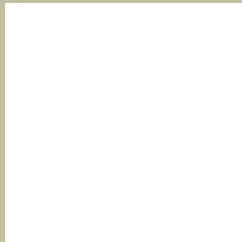
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4723, 0.3386, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 51.4723, 0.3386, 0.3657.



This preview shows how white text looks on a background with the Yxy color 51.4723, 0.3386, 0.3657.

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

51.4723, 0.3386, 0.3657

Protanopia

51.2478, 0.3442, 0.3641

Deuteranopia

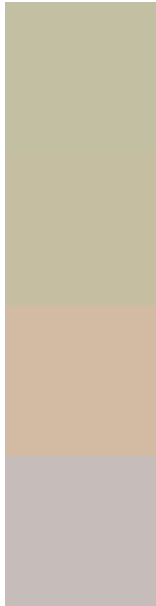
51.4527, 0.3592, 0.3517



Tritanopia

51.5673, 0.3135, 0.3121

Trichromacy



Original Color

51.4723, 0.3386, 0.3657

Protanomaly

51.4059, 0.3422, 0.3655

Deuteranomaly

51.4638, 0.3521, 0.3571

Tritanomaly

51.5174, 0.3226, 0.3315

Monochromacy



Original Color

51.4723, 0.3386, 0.3657

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1580, 0.3220, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4723, 0.3386, 0.3657 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(195, 191, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 162)  
}
```

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(195, 191, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 162) }
```

Border

The CSS property to change the border of an element to Yxy 51.4723, 0.3386, 0.3657 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(195, 191, 162) }
```

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

```
.border{ border-color:rgb(195, 191, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 191, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 191,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4723, 0.3386, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 162) }
```

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

```
.background{ background-color: rgb(195,  
191, 162) }
```

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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