

Converting Colors

$Yxy(52.4851, 0.3288, 0.3718)$

Have a look what the booklet for
Yxy(52.4851, 0.3288, 0.3718)
contains.

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Color

Yxy(52.4385, 0.3285, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	B9C4A3
RGB	185, 196, 163
RGB Percent	73%, 77%, 64%
CMY	0.2745, 0.2313, 0.3608
CMYK	0.06, 0.00, 0.17, 0.23
HSL	80°, 22%, 70%
HSV	80°, 17%, 77%
XYZ	46.3564, 52.4385, 42.3205
YIQ	188.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

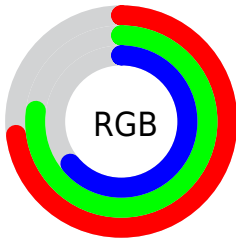
Format	Color
RYB	163, 196, 174
Decimal	12174499
CIELab	77.54, -9.62, 15.32
CIELCh	78, 18.094, 122.136
Yxy	52.4385, 0.3285, 0.3716
Android (android.graphics.Color)	4290364579 (0xFFB9C4A3)
YUV	188.9490, -12.7929, -3.4633
Hunter-Lab	72.4144, -12.4577, 16.0398

Details

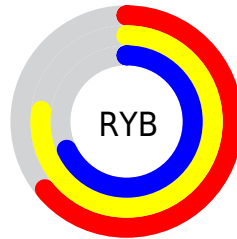
The Yxy color **52.4385, 0.3285, 0.3716** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1727, 0.2950, 0.2852**, and the grayscale version is **50.9312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0133, 0.3257, 0.3642**, and **25.3992, 0.3330, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **50.9976, 0.3377, 0.3987**, and if you desaturate by 10%, it is **54.0302, 0.3191, 0.3457**.

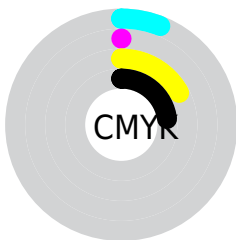
Distribution



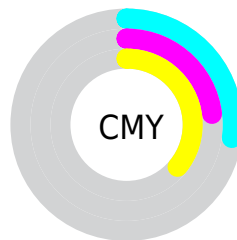
- Red (73%)
- Green (77%)
- Blue (64%)



- Red (64%)
- Yellow (77%)
- Blue (68%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (23%)




- Cyan (27%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4385, 0.3285, 0.3716 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 52.4385, 0.3285, 0.3716 by changing the saturation by 10% instead.


 52.4385, 0.3285,
0.3716


 52.4385, 0.3285,
0.3716

396.1271, 0.3210,
0.3503

 37.3547, 0.3303,
0.3769


 93.7776, 0.3259,
0.3639

 25.4823, 0.3325,
0.3837


 120.8017, 0.3248,
0.3610

 16.4367, 0.3352,
0.3927


152.5747, 0.3240,
0.3585

 9.8337, 0.3389,
0.4052

189.4811, 0.3232,
0.3564

 5.2888, 0.3438,
0.4236

231.9051, 0.3225,
0.3546

 2.4177, 0.3505,
0.4534

280.2311, 0.3220,

 0.8350, 0.4009,

0.3530

334.8437, 0.3214,
0.3516

0.5991

0.0000, 0.0000,
0.0000

52.4385, 0.3285,
0.3716

52.4385, 0.3285,
0.3716

50.9976, 0.3377,
0.3987

54.0302, 0.3191,
0.3457

49.6952, 0.3464,
0.4265

55.7711, 0.3098,
0.3216

48.5277, 0.3541,
0.4540

57.6682, 0.3009,
0.2993

47.4886, 0.3602,
0.4801

59.7264, 0.2923,
0.2790

46.5710, 0.3644,
0.5035

61.5581, 0.2882,
0.2663

■ 45.7669, 0.3663,
0.5232

■ 62.5836, 0.2928,
0.2672

■ 45.0673, 0.3656,
0.5382

■ 63.6493, 0.2976,
0.2680

■ 44.4601, 0.3627,
0.5484

■ 64.7556, 0.3023,
0.2689

■ 44.2810, 0.3615,
0.5511

■ 65.9028, 0.3071,
0.2697

Harmonies

Analogous

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



52.4385, 0.3492, 0.3693



52.4385, 0.3285, 0.3716



52.4385, 0.3041, 0.3613

Triad

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



52.4385, 0.3285, 0.3716



52.4385, 0.2672, 0.2996



52.4385, 0.3432, 0.3165

Complementary

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



52.4385, 0.3285, 0.3716



39.1727, 0.2950, 0.2852

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.



52.4385, 0.3201, 0.2996



52.4385, 0.3285, 0.3716



52.4385, 0.2767, 0.2896

Square

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



52.4385, 0.3285, 0.3716



52.4385, 0.2693, 0.3183



52.4385, 0.2957, 0.2899



52.4385, 0.3581, 0.3369

Rectangle

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



52.4385, 0.3285, 0.3716



52.4385, 0.2891, 0.3486



52.4385, 0.2957, 0.2899



52.4385, 0.3360, 0.3103

Sweetspot

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



52.4408, 0.3285, 0.3716



98.4085, 0.3174, 0.3413



44.6495, 0.3422, 0.3433



21.0168, 0.3181, 0.3431



0.0000, 0.0000, 0.0000



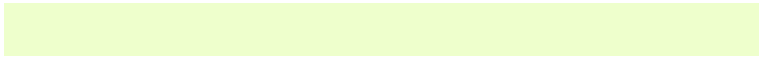
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4408, 0.3285, 0.3716



94.0561, 0.3317, 0.3809



50.5054, 0.3150, 0.3734



11.5847, 0.3215, 0.3521



28.4988, 0.3623, 0.5505



1.2677, 0.3754, 0.5401

Inverse Universe

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



39.1727, 0.2950, 0.2852



65.7785, 0.2908, 0.2754



41.1867, 0.3097, 0.2871



9.9075, 0.3034, 0.3056



3.3331, 0.1755, 0.0740



0.1822, 0.2016, 0.0884

Previews

White Background



This preview shows how the Yxy color 52.4385, 0.3285, 0.3716 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 52.4385, 0.3285, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

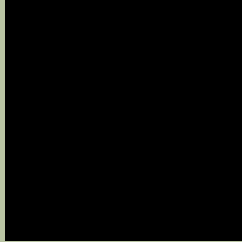
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

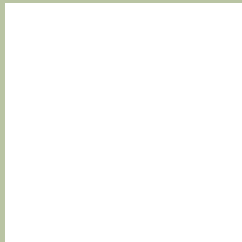
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4385, 0.3285, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 52.4385, 0.3285, 0.3716.



This preview shows how white text looks on a background with the Yxy color 52.4385, 0.3285, 0.3716.

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

52.4385, 0.3285, 0.3716

Protanopia

52.3562, 0.3463, 0.3675

Deuteranopia

52.0577, 0.3590, 0.3516



Tritanopia

52.3111, 0.3024, 0.3106

Trichromacy



Original Color

52.4385, 0.3285, 0.3716

Protanomaly

52.4489, 0.3399, 0.3693

Deuteranomaly

51.9122, 0.3481, 0.3585

Tritanomaly

52.2358, 0.3118, 0.3315

Monochromacy



Original Color

52.4385, 0.3285, 0.3716

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6859, 0.3185, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4385, 0.3285, 0.3716 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(185, 196, 163)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 163)  
}
```

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(185, 196, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 163) }
```

Border

The CSS property to change the border of an element to Yxy 52.4385, 0.3285, 0.3716 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(185, 196, 163) }
```

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

```
.border{ border-color:rgb(185, 196, 163) }
```

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

Here you see how a box with a 4 pixel rgb(185, 196, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 163);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4385, 0.3285, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 163) }
```

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

```
.background{ background-color: rgb(185,  
196, 163) }
```

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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