

Converting Colors

Yxy(68.4751, 0.3546, 0.3909)

Have a look what the booklet for
Yxy(68.4751, 0.3546, 0.3909)
contains.

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Color

Yxy(68.4751, 0.3546, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	DFDAA3
RGB	223, 218, 163
RGB Percent	87%, 85%, 64%
CMY	0.1254, 0.1451, 0.3609
CMYK	0.00, 0.02, 0.27, 0.13
HSL	55°, 48%, 76%
HSV	55°, 27%, 87%
XYZ	62.1163, 68.4751, 44.5815
YIQ	213.2250, 20.6350, -16.0450

Conversions

Conversions Part 2

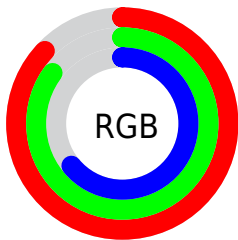
Format	Color
RYB	168, 223, 163
Decimal	14670499
CIELab	86.24, -6.80, 27.77
CIELCh	86, 28.591, 103.763
Yxy	68.4751, 0.3546, 0.3909
Android (android.graphics.Color)	4292860579 (0xFFDFDAA3)
YUV	213.2250, -24.7609, 8.5727
Hunter-Lab	82.7497, -10.8203, 25.9822

Details

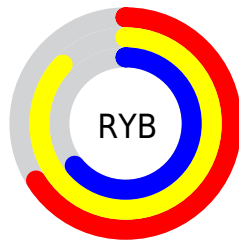
The Yxy color **68.4751, 0.3546, 0.3909** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1163, 0.2667, 0.2585**, and the grayscale version is **66.8587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **35.5576, 0.3639, 0.4055** is the 20% darker color. If you saturate the color by 10%, you get **66.7867, 0.3706, 0.4138**, and if you desaturate by 10%, it is **70.3215, 0.3386, 0.3676**.

Distribution



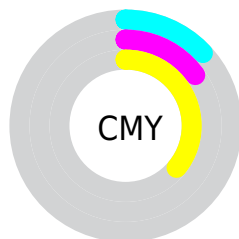
- Red (87%)
- Green (85%)
- Blue (64%)



- Red (66%)
- Yellow (87%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (13%)





- Cyan (13%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4751, 0.3546, 0.3909 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 68.4751, 0.3546, 0.3909 by changing the saturation by 10% instead.


 68.4751, 0.3546,
0.3909


 68.4751, 0.3546,
0.3909


455.1775, 0.3354,
0.3617

 50.2843, 0.3589,
0.3976


 117.0316, 0.3480,
0.3807

 35.6394, 0.3641,
0.4060


 148.1660, 0.3454,
0.3767

 24.1558, 0.3706,
0.4166


184.3839, 0.3432,
0.3734

 15.4492, 0.3787,
0.4304

226.0695, 0.3412,
0.3704

 9.1353, 0.3892,
0.4490

273.6073, 0.3395,
0.3678

 4.8295, 0.4026,
0.4749

327.3816, 0.3380,

 2.1476, 0.4479,

0.3655

0.5478

387.7769, 0.3366,
0.3635

0.6912, 0.4153,
0.5847

0.0000, 0.0000,
0.0000

68.4751, 0.3546,
0.3909

68.4751, 0.3546,
0.3909

66.7867, 0.3706,
0.4138

70.3215, 0.3386,
0.3676

65.2397, 0.3859,
0.4353

72.3235, 0.3231,
0.3445

63.8289, 0.4001,
0.4544

74.4907, 0.3083,
0.3223

62.5454, 0.4123,
0.4702

76.8292, 0.2944,
0.3012

■ 61.3790, 0.4222,
0.4820

■ 78.0253, 0.2928,
0.3004

■ 60.3179, 0.4294,
0.4893

■ 79.0525, 0.2928,
0.3024

■ 59.3465, 0.4339,
0.4923

■ 80.0907, 0.2929,
0.3043

■ 59.0576, 0.4350,
0.4928

■ 81.1400, 0.2929,
0.3063

■ 82.2005, 0.2930,
0.3082

Harmonies

Analogous

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



68.4751, 0.3773, 0.3762



68.4751, 0.3546, 0.3909



68.4751, 0.3213, 0.3880

Triad

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



68.4751, 0.3546, 0.3909



68.4751, 0.2478, 0.3011



68.4751, 0.3368, 0.2956

Complementary

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



68.4751, 0.3546, 0.3909



41.1163, 0.2667, 0.2585

Split Complementary

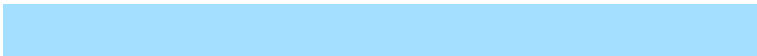
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.4751, 0.3010, 0.2776



68.4751, 0.3546, 0.3909



68.4751, 0.2513, 0.2793

Square

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



68.4751, 0.3546, 0.3909



68.4751, 0.2605, 0.3331



68.4751, 0.2701, 0.2715



68.4751, 0.3672, 0.3216

Rectangle

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



68.4751, 0.3546, 0.3909



68.4751, 0.2979, 0.3752



68.4751, 0.2701, 0.2715



68.4751, 0.3249, 0.2885

Sweetspot

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



68.4782, 0.3546, 0.3909



97.6720, 0.3248, 0.3471



44.7410, 0.3649, 0.3221



20.8156, 0.3271, 0.3506



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.



68.4782, 0.3546, 0.3909



91.5381, 0.3631, 0.4032



67.5719, 0.3350, 0.4002



15.8233, 0.3269, 0.3503



34.7994, 0.4347, 0.4930



2.4707, 0.4321, 0.4951

Inverse Universe

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



41.1163, 0.2667, 0.2585



48.8814, 0.2562, 0.2421



42.0789, 0.2852, 0.2559



13.4264, 0.2981, 0.3068



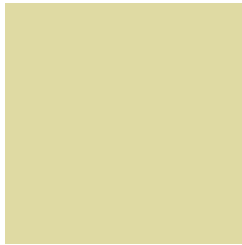
3.4660, 0.1516, 0.0657



0.3050, 0.1559, 0.0810

Previews

White Background



This preview shows how the Yxy color 68.4751, 0.3546, 0.3909 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 68.4751, 0.3546, 0.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

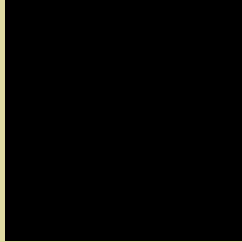
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

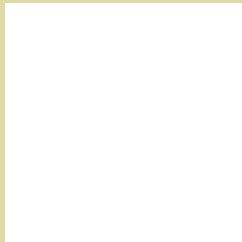
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4751, 0.3546, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 68.4751, 0.3546, 0.3909.



This preview shows how white text looks on a background with the Yxy color 68.4751, 0.3546, 0.3909.

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

68.4751, 0.3546, 0.3909

Protanopia

68.1984, 0.3625, 0.3876

Deuteranopia

68.2249, 0.3805, 0.3729



Tritanopia

68.5731, 0.3172, 0.3120

Trichromacy



Original Color

68.4751, 0.3546, 0.3909

Protanomaly

68.2143, 0.3598, 0.3891

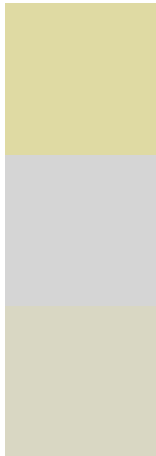
Deuteranomaly

68.1461, 0.3711, 0.3796

Tritanomaly

68.3943, 0.3309, 0.3400

Monochromacy



Original Color

68.4751, 0.3546, 0.3909

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.2927, 0.3280, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4751, 0.3546, 0.3909 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(223, 218, 163)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 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(223, 218, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 163) }
```

Border

The CSS property to change the border of an element to Yxy 68.4751, 0.3546, 0.3909 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(223, 218, 163) }
```

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

```
.border{ border-color:rgb(223, 218, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 218, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 218, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 218, 163); box-shadow:4px 4px 4px 4px rgb(223, 218, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4751, 0.3546, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 163) }
```

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

```
.background{ background-color: rgb(223,  
218, 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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