

Converting Colors

Yxy(51.3076, 0.3786, 0.3811)

Have a look what the booklet for
Yxy(51.3076, 0.3786, 0.3811)
contains.

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Color

Yxy(51.1095, 0.3786, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	DAB88D
RGB	218, 184, 141
RGB Percent	85%, 72%, 55%
CMY	0.1450, 0.2784, 0.4471
CMYK	0.00, 0.16, 0.35, 0.14
HSL	33°, 51%, 70%
HSV	33°, 35%, 86%
XYZ	50.8677, 51.1095, 32.3801
YIQ	189.2640, 34.0670, -6.1650

Conversions

Conversions Part 2

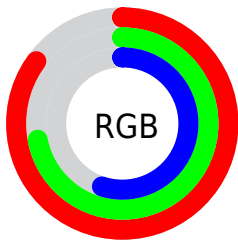
Format	Color
R _Y B	202, 218, 141
Decimal	14334093
CIE Lab	76.75, 6.18, 26.41
CIE LCh	77, 27.124, 76.820
Yxy	51.1095, 0.3786, 0.3804
Android (android.graphics.Color)	4292524173 (0xFFDAB88D)
YUV	189.2640, -23.7942, 25.2015
Hunter-Lab	71.4909, 1.8983, 23.1896

Details

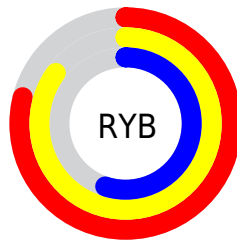
The Yxy color **51.1095, 0.3786, 0.3804** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.3962, 0.2553, 0.2712**, and the grayscale version is **51.1745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5203, 0.3516, 0.3741**, and **24.6522, 0.3969, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **46.6590, 0.4018, 0.3949**, and if you desaturate by 10%, it is **55.9651, 0.3573, 0.3654**.

Distribution



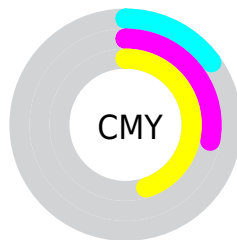
- Red (85%)
- Green (72%)
- Blue (55%)



- Red (79%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (14%)





- Cyan (15%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1095, 0.3786, 0.3804 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 51.1095, 0.3786, 0.3804 by changing the saturation by 10% instead.

 51.1095, 0.3786,
0.3804


 51.1095, 0.3786,
0.3804


390.9891, 0.3462,
0.3558


 36.2958, 0.3864,
0.3861


 91.8166, 0.3670,
0.3718

 24.6627, 0.3962,
0.3932


 118.4788, 0.3626,
0.3684

 15.8259, 0.4089,
0.4020


 149.8592, 0.3589,
0.3656

 9.4011, 0.4258,
0.4134

186.3423, 0.3556,
0.3631

 5.0037, 0.4490,
0.4279

228.3124, 0.3528,
0.3609

 2.2494, 0.5010,
0.4635

276.1540, 0.3504,

 0.7467, 0.5355,

0.3590

0.4645

330.2514, 0.3482,
0.3573

0.0000, 0.0000,
0.0000

51.1095, 0.3786,
0.3804

51.1095, 0.3786,
0.3804

46.6590, 0.4018,
0.3949

55.9651, 0.3573,
0.3654

42.5934, 0.4264,
0.4081

61.2307, 0.3381,
0.3506

38.9014, 0.4515,
0.4187

66.9202, 0.3210,
0.3363

35.5677, 0.4760,
0.4256

73.0446, 0.3059,
0.3228

32.5755, 0.4983,
0.4276

79.6144, 0.2926,
0.3103

■ 29.9054, 0.5171,
0.4241

■ 85.5091, 0.2901,
0.3154

■ 28.7568, 0.5251,
0.4213

■ 91.3883, 0.2905,
0.3253

■ 93.6500, 0.2906,
0.3289

Harmonies

Analogous

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



51.1095, 0.3860, 0.3544



51.1095, 0.3786, 0.3804



51.1095, 0.3532, 0.3944

Triad

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



51.1095, 0.3786, 0.3804



51.1095, 0.2561, 0.3296



51.1095, 0.3041, 0.2768

Complementary

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



51.1095, 0.3786, 0.3804



41.3962, 0.2553, 0.2712

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.



51.1095, 0.2710, 0.2690



51.1095, 0.3786, 0.3804



51.1095, 0.2446, 0.2968

Square

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



51.1095, 0.3786, 0.3804



51.1095, 0.2824, 0.3648



51.1095, 0.2499, 0.2755



51.1095, 0.3415, 0.2966

Rectangle

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



51.1095, 0.3786, 0.3804



51.1095, 0.3301, 0.3934



51.1095, 0.2499, 0.2755



51.1095, 0.2922, 0.2727

Sweetspot

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



51.1119, 0.3786, 0.3804



90.6699, 0.3306, 0.3444



37.0788, 0.3587, 0.2876



19.1722, 0.3330, 0.3464



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.



51.1119, 0.3786, 0.3804



68.3527, 0.3947, 0.3907



66.4038, 0.3626, 0.4175



14.2510, 0.3278, 0.3421



17.4411, 0.5231, 0.4228



1.3007, 0.5016, 0.4399

Inverse Universe

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



41.3962, 0.2553, 0.2712



52.6337, 0.2435, 0.2573



30.1169, 0.2519, 0.2242



13.5592, 0.2982, 0.3156



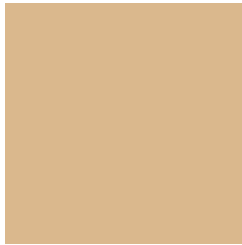
8.2855, 0.1722, 0.1397



0.7067, 0.1809, 0.1713

Previews

White Background



This preview shows how the Yxy color 51.1095, 0.3786, 0.3804 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 51.1095, 0.3786, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

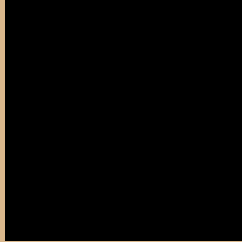
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1095, 0.3786, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 51.1095, 0.3786, 0.3804.



This preview shows how white text looks on a background with the Yxy color 51.1095, 0.3786, 0.3804.

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

51.1095, 0.3786, 0.3804

Protanopia

51.0749, 0.3615, 0.3864

Deuteranopia

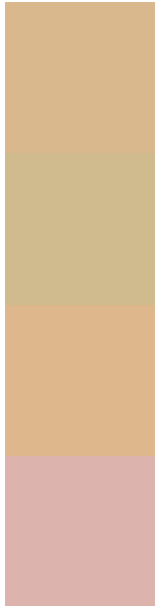
51.2263, 0.3849, 0.3771



Tritanopia

50.8938, 0.3416, 0.3129

Trichromacy



Original Color

51.1095, 0.3786, 0.3804

Protanomaly

50.9035, 0.3675, 0.3844

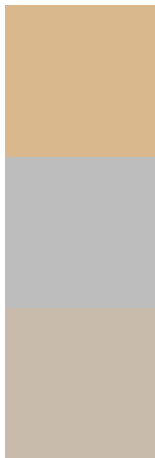
Deuteranomaly

51.3197, 0.3826, 0.3786

Tritanomaly

51.0318, 0.3549, 0.3374

Monochromacy



Original Color

51.1095, 0.3786, 0.3804

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7986, 0.3357, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1095, 0.3786, 0.3804 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(218, 184, 141)` looks like.

```
.text, #text, p{  
    color:rgb(218, 184, 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(218, 184, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 184, 141) }
```

Border

The CSS property to change the border of an element to Yxy 51.1095, 0.3786, 0.3804 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(218, 184, 141) }
```

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

```
.border{ border-color:rgb(218, 184, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 184, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 184, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 184, 141);  
box-shadow:4px 4px 4px 4px rgb(218, 184,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1095, 0.3786, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 184, 141) }
```

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

```
.background{ background-color: rgb(218,  
184, 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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