

Converting Colors

Yxy(50.2863, 0.3685, 0.3614)

Have a look what the booklet for
Yxy(50.2863, 0.3685, 0.3614)
contains.

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Color

Yxy(50.2863, 0.3685, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	DAB59A
RGB	218, 181, 154
RGB Percent	85%, 71%, 60%
CMY	0.1450, 0.2902, 0.3960
CMYK	0.00, 0.17, 0.29, 0.15
HSL	25°, 46%, 73%
HSV	25°, 29%, 85%
XYZ	51.2742, 50.2863, 37.5825
YIQ	188.9850, 30.7190, -0.5530

Conversions

Conversions Part 2

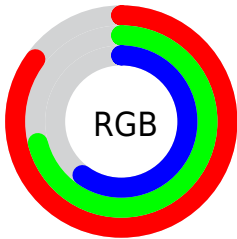
Format	Color
RYB	218, 201, 154
Decimal	14333338
CIELab	76.24, 9.42, 18.75
CIELCh	76, 20.983, 63.321
Yxy	50.2863, 0.3685, 0.3614
Android (android.graphics.Color)	4292523418 (0xFFDAB59A)
YUV	188.9850, -17.2476, 25.4462
Hunter-Lab	70.9128, 4.9687, 18.2163

Details

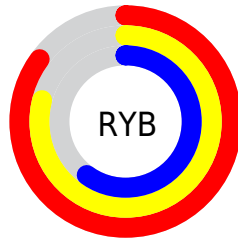
The Yxy color **50.2863, 0.3685, 0.3614** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2102, 0.2667, 0.2941**, and the grayscale version is **50.9697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3824, 0.3436, 0.3580**, and **24.0990, 0.3837, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **44.7287, 0.3932, 0.3729**, and if you desaturate by 10%, it is **56.4447, 0.3468, 0.3499**.

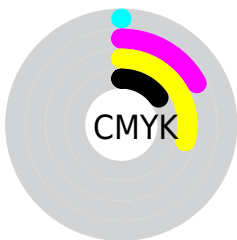
Distribution



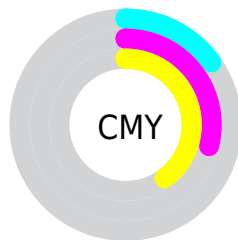
- Red (85%)
- Green (71%)
- Blue (60%)



- Red (85%)
- Yellow (79%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (15%)




- Cyan (15%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2863, 0.3685, 0.3614 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 50.2863, 0.3685, 0.3614 by changing the saturation by 10% instead.


 50.2863, 0.3685,
0.3614


 50.2863, 0.3685,
0.3614


387.7845, 0.3408,
0.3460

 35.6409, 0.3753,
0.3650


 90.5989, 0.3585,
0.3560

 24.1570, 0.3840,
0.3694


 117.0350, 0.3547,
0.3539

 15.4501, 0.3954,
0.3751


148.1701, 0.3515,
0.3521

 9.1359, 0.4109,
0.3823

184.3885, 0.3488,
0.3505

 4.8299, 0.4334,
0.3919

226.0748, 0.3464,
0.3492

 2.1478, 0.4707,
0.4067

273.6133, 0.3443,

 0.6913, 0.5622,

0.3480

0.4378

327.3884, 0.3425,
0.3469

0.0000, 0.0000,
0.0000

50.2863, 0.3685,
0.3614

50.2863, 0.3685,
0.3614

44.7287, 0.3932,
0.3729

56.4447, 0.3468,
0.3499

39.7455, 0.4209,
0.3837

63.2152, 0.3280,
0.3388

35.3183, 0.4510,
0.3928

70.6178, 0.3117,
0.3283

31.4253, 0.4823,
0.3990

78.6691, 0.2978,
0.3186

28.0423, 0.5130,
0.4011

86.8577, 0.2902,
0.3177

■ 25.1430, 0.5407,
0.3980

■ 93.6476, 0.2906,
0.3289

■ 22.6922, 0.5639,
0.3899

■ 22.5475, 0.5653,
0.3893

Harmonies

Analogous

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



50.2863, 0.3666, 0.3389



50.2863, 0.3685, 0.3614



50.2863, 0.3548, 0.3767

Triad

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



50.2863, 0.3685, 0.3614



50.2863, 0.2765, 0.3422



50.2863, 0.2937, 0.2836

Complementary

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



50.2863, 0.3685, 0.3614



49.2102, 0.2667, 0.2941

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.



50.2863, 0.2712, 0.2827



50.2863, 0.3685, 0.3614



50.2863, 0.2616, 0.3151

Square

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



50.2863, 0.3685, 0.3614



50.2863, 0.3013, 0.3665



50.2863, 0.2597, 0.2936



50.2863, 0.3224, 0.2954

Rectangle

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



50.2863, 0.3685, 0.3614



50.2863, 0.3391, 0.3801



50.2863, 0.2597, 0.2936



50.2863, 0.2852, 0.2820

Sweetspot

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



50.2886, 0.3685, 0.3614



90.4303, 0.3275, 0.3385



41.8015, 0.3404, 0.2850



19.0397, 0.3301, 0.3401



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.



50.2886, 0.3685, 0.3614



66.8949, 0.3829, 0.3683



64.6695, 0.3584, 0.3965



13.9493, 0.3281, 0.3389



13.7091, 0.5627, 0.3914



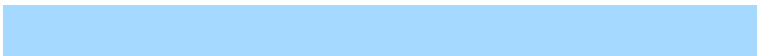
1.0563, 0.5339, 0.4143

Inverse Universe

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



49.2102, 0.2667, 0.2941



65.1174, 0.2573, 0.2858



36.8514, 0.2620, 0.2512



13.8618, 0.2982, 0.3189



12.2033, 0.1848, 0.1854



0.9598, 0.1920, 0.2111

Previews

White Background



This preview shows how the Yxy color 50.2863, 0.3685, 0.3614 looks on a white background.

Color Contrast Check

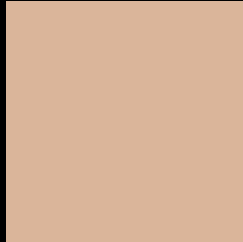
Large Text (above 18pt) WCAG AA × Fail

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 50.2863, 0.3685, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

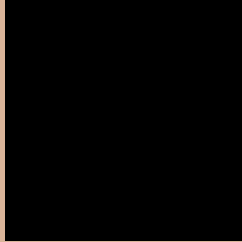
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2863, 0.3685, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 50.2863, 0.3685, 0.3614.



This preview shows how white text looks on a background with the Yxy color 50.2863, 0.3685, 0.3614.

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

50.2863, 0.3685, 0.3614

Protanopia

50.5429, 0.3468, 0.3681

Deuteranopia

50.2863, 0.3685, 0.3614



Tritanopia

50.2980, 0.3418, 0.3129

Trichromacy



Original Color

50.2863, 0.3685, 0.3614

Protanomaly

50.2200, 0.3547, 0.3650

Deuteranomaly

50.2863, 0.3685, 0.3614

Tritanomaly

50.3873, 0.3518, 0.3303

Monochromacy



Original Color

50.2863, 0.3685, 0.3614

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5318, 0.3326, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2863, 0.3685, 0.3614 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, 181, 154)` looks like.

```
.text, #text, p{  
    color:rgb(218, 181, 154)  
}
```

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, 181, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 181, 154) }
```

Border

The CSS property to change the border of an element to Yxy 50.2863, 0.3685, 0.3614 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, 181, 154) }
```

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

```
.border{ border-color:rgb(218, 181, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 181, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 181, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 181, 154);  
box-shadow:4px 4px 4px 4px rgb(218, 181,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2863, 0.3685, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 181, 154) }
```

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

```
.background{ background-color: rgb(218,  
181, 154) }
```

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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