

Converting Colors

Yxy(51.1888, 0.3564, 0.3648)

Have a look what the booklet for
Yxy(51.1888, 0.3564, 0.3648)
contains.

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Color

Yxy(51.1074, 0.3563, 0.3646)

Conversions

Conversions Part 1

Format	Color
Hex	D1BA9D
RGB	209, 186, 157
RGB Percent	82%, 73%, 62%
CMY	0.1803, 0.2706, 0.3844
CMYK	0.00, 0.11, 0.25, 0.18
HSL	33°, 36%, 72%
HSV	33°, 25%, 82%
XYZ	49.9440, 51.1074, 39.1225
YIQ	189.5710, 23.0170, -4.1430

Conversions

Conversions Part 2

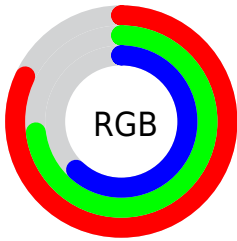
Format	Color
RYB	198, 209, 157
Decimal	13744797
CIELab	76.74, 3.72, 17.72
CIELCh	77, 18.105, 78.150
Yxy	51.1074, 0.3563, 0.3646
Android (android.graphics.Color)	4291934877 (0xFFD1BA9D)
YUV	189.5710, -16.0575, 17.0392
Hunter-Lab	71.4894, -0.4028, 17.5962

Details

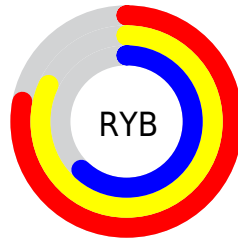
The Yxy color **51.1074, 0.3563, 0.3646** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4201, 0.2730, 0.2906**, and the grayscale version is **51.3193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5177, 0.3402, 0.3588**, and **24.6857, 0.3677, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **46.6836, 0.3775, 0.3796**, and if you desaturate by 10%, it is **55.9104, 0.3372, 0.3498**.

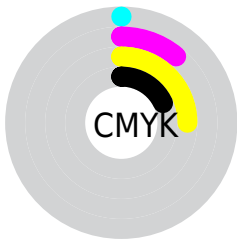
Distribution



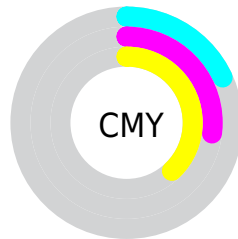
- Red (82%)
- Green (73%)
- Blue (62%)



- Red (78%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1074, 0.3563, 0.3646 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 51.1074, 0.3563, 0.3646 by changing the saturation by 10% instead.

 51.1074, 0.3563,
0.3646

 51.1074, 0.3563,
0.3646


390.9809, 0.3348,
0.3473

 36.2941, 0.3616,
0.3687


 91.8135, 0.3486,
0.3584

 24.6614, 0.3682,
0.3739


 118.4751, 0.3456,
0.3561

 15.8250, 0.3770,
0.3807


149.8549, 0.3432,
0.3541

 9.4004, 0.3889,
0.3897

186.3373, 0.3410,
0.3524

 5.0032, 0.4059,
0.4022

228.3067, 0.3392,
0.3509

 2.2492, 0.4328,
0.4212

276.1475, 0.3375,

 0.7466, 0.5174,

0.3495

0.4826

330.2441, 0.3361,
0.3484

0.0000, 0.0000,
0.0000

51.1074, 0.3563,
0.3646

51.1074, 0.3563,
0.3646

46.6836, 0.3775,
0.3796

55.9104, 0.3372,
0.3498

42.6209, 0.4005,
0.3941

61.0959, 0.3203,
0.3357

38.9102, 0.4250,
0.4073

66.6761, 0.3053,
0.3223

35.5389, 0.4501,
0.4180

72.6606, 0.2922,
0.3099

32.4934, 0.4746,
0.4251

78.6328, 0.2842,
0.3050

■ 29.7586, 0.4971,
0.4274

■ 83.9860, 0.2847,
0.3148

■ 27.3171, 0.5162,
0.4244

■ 89.6174, 0.2853,
0.3245

■ 26.1718, 0.5250,
0.4214

■ 92.2995, 0.2855,
0.3289

Harmonies

Analogous

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



51.1074, 0.3615, 0.3478



51.1074, 0.3563, 0.3646



51.1074, 0.3393, 0.3725

Triad

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



51.1074, 0.3563, 0.3646



51.1074, 0.2739, 0.3288



51.1074, 0.3084, 0.2937

Complementary

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



51.1074, 0.3563, 0.3646



44.4201, 0.2730, 0.2906

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.



51.1074, 0.2856, 0.2881



51.1074, 0.3563, 0.3646



51.1074, 0.2663, 0.3072

Square

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



51.1074, 0.3563, 0.3646



51.1074, 0.2917, 0.3516



51.1074, 0.2705, 0.2927



51.1074, 0.3332, 0.3078

Rectangle

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



51.1074, 0.3563, 0.3646



51.1074, 0.3238, 0.3709



51.1074, 0.2705, 0.2927



51.1074, 0.3002, 0.2908

Sweetspot

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



51.1097, 0.3563, 0.3646



93.9663, 0.3238, 0.3387



40.9796, 0.3417, 0.3003



20.0044, 0.3248, 0.3395



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.



51.1097, 0.3563, 0.3646



76.2843, 0.3676, 0.3728



61.2319, 0.3479, 0.3912



12.8856, 0.3277, 0.3420



16.3313, 0.5230, 0.4229



1.0700, 0.4990, 0.4420

Inverse Universe

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



44.4201, 0.2730, 0.2906



64.0086, 0.2639, 0.2808



36.1441, 0.2724, 0.2592



12.2664, 0.2982, 0.3157



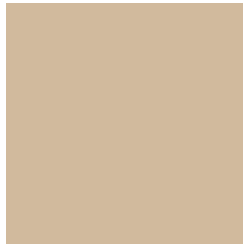
7.8002, 0.1723, 0.1404



0.5931, 0.1823, 0.1761

Previews

White Background



This preview shows how the Yxy color 51.1074, 0.3563, 0.3646 looks on a white background.

Color Contrast Check

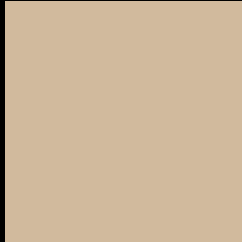
Large Text (above 18pt) WCAG AA × Fail

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 51.1074, 0.3563, 0.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

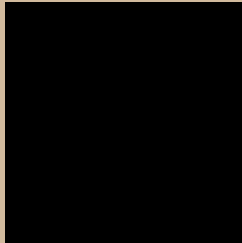
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1074, 0.3563, 0.3646

Background



This preview shows how black text looks on a background with the Yxy color 51.1074, 0.3563, 0.3646.



This preview shows how white text looks on a background with the Yxy color 51.1074, 0.3563, 0.3646.

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

51.1074, 0.3563, 0.3646

Protanopia

51.1432, 0.3467, 0.3679

Deuteranopia

50.9846, 0.3656, 0.3577



Tritanopia

51.2840, 0.3298, 0.3126

Trichromacy



Original Color

51.1074, 0.3563, 0.3646

Protanomaly

51.1316, 0.3495, 0.3664

Deuteranomaly

50.7827, 0.3617, 0.3592

Tritanomaly

51.2002, 0.3394, 0.3315

Monochromacy



Original Color

51.1074, 0.3563, 0.3646

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4799, 0.3280, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1074, 0.3563, 0.3646 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(209, 186, 157)` looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 157)  
}
```

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(209, 186, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 157) }
```

Border

The CSS property to change the border of an element to Yxy 51.1074, 0.3563, 0.3646 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(209, 186, 157) }
```

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

```
.border{ border-color:rgb(209, 186, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 186, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 157);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1074, 0.3563, 0.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 157) }
```

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

```
.background{ background-color: rgb(209,  
186, 157) }
```

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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