

Converting Colors

Yxy(51.4689, 0.3607, 0.3638)

Have a look what the booklet for
Yxy(51.4689, 0.3607, 0.3638)
contains.

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Color

Yxy(51.2784, 0.3601, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	D5B99D
RGB	213, 185, 157
RGB Percent	84%, 73%, 62%
CMY	0.1648, 0.2744, 0.3843
CMYK	0.00, 0.13, 0.26, 0.16
HSL	30°, 40%, 73%
HSV	30°, 26%, 84%
XYZ	50.8687, 51.2784, 39.1157
YIQ	190.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

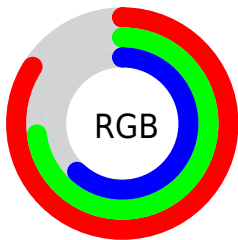
Format	Color
R_{YB}	213, 213, 157
Decimal	14006685
CIE Lab	76.85, 5.75, 17.91
CIE LCh	77, 18.805, 72.204
Yxy	51.2784, 0.3601, 0.3630
Android (android.graphics.Color)	4292196765 (0xFFD5B99D)
YUV	190.1800, -16.3577, 20.0131
Hunter-Lab	71.6089, 1.4851, 17.7397

Details

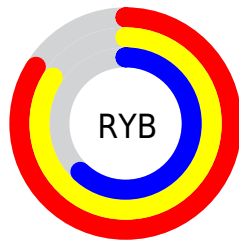
The Yxy color **51.2784, 0.3601, 0.3630** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.6504, 0.2711, 0.2924**, and the grayscale version is **51.6863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9241, 0.3404, 0.3578**, and **24.8122, 0.3731, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **46.3297, 0.3825, 0.3765**, and if you desaturate by 10%, it is **56.6916, 0.3401, 0.3496**.

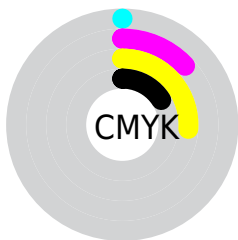
Distribution



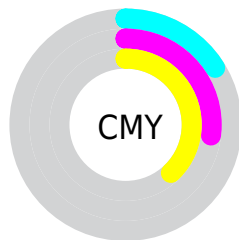
- Red (84%)
- Green (73%)
- Blue (62%)



- Red (84%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2784, 0.3601, 0.3630 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 51.2784, 0.3601, 0.3630 by changing the saturation by 10% instead.

 51.2784, 0.3601,
0.3630

 51.2784, 0.3601,
0.3630


391.6445, 0.3367,
0.3466

 36.4302, 0.3658,
0.3669

 92.0662, 0.3517,
0.3572

 24.7666, 0.3731,
0.3717


 118.7745, 0.3485,
0.3550

 15.9033, 0.3826,
0.3780


150.2051, 0.3458,
0.3531

 9.4557, 0.3956,
0.3862

186.7422, 0.3435,
0.3514

 5.0396, 0.4142,
0.3975

228.7703, 0.3414,
0.3500

 2.2705, 0.4436,
0.4142

276.6738, 0.3397,

 0.7580, 0.5318,

0.3487

0.4682

330.8371, 0.3381,
0.3476

0.0000, 0.0000,
0.0000

51.2784, 0.3601,
0.3630

51.2784, 0.3601,
0.3630

46.3297, 0.3825,
0.3765

56.6916, 0.3401,
0.3496

41.8246, 0.4073,
0.3896

62.5753, 0.3226,
0.3367

37.7509, 0.4339,
0.4012

68.9445, 0.3073,
0.3246

34.0928, 0.4614,
0.4103

75.8111, 0.2939,
0.3133

30.8332, 0.4885,
0.4156

82.6277, 0.2869,
0.3115

■ 27.9535, 0.5135,
0.4158

■ 89.0128, 0.2874,
0.3226

■ 25.4315, 0.5346,
0.4106

■ 92.8815, 0.2877,
0.3289

■ 24.5736, 0.5419,
0.4079

Harmonies

Analogous

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



51.2784, 0.3627, 0.3443



51.2784, 0.3601, 0.3630



51.2784, 0.3445, 0.3735

Triad

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



51.2784, 0.3601, 0.3630



51.2784, 0.2754, 0.3336



51.2784, 0.3031, 0.2905

Complementary

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



51.2784, 0.3601, 0.3630



46.6504, 0.2711, 0.2924

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.



51.2784, 0.2807, 0.2867



51.2784, 0.3601, 0.3630



51.2784, 0.2652, 0.3104

Square

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



51.2784, 0.3601, 0.3630



51.2784, 0.2955, 0.3566



51.2784, 0.2672, 0.2935



51.2784, 0.3290, 0.3036

Rectangle

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



51.2784, 0.3601, 0.3630



51.2784, 0.3291, 0.3737



51.2784, 0.2672, 0.2935



51.2784, 0.2950, 0.2881

Sweetspot

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



51.2807, 0.3601, 0.3630



92.4256, 0.3256, 0.3390



41.7587, 0.3412, 0.2953



19.4894, 0.3282, 0.3409



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.



51.2807, 0.3601, 0.3630



72.5095, 0.3734, 0.3712



64.1489, 0.3522, 0.3942



13.4376, 0.3279, 0.3407



15.2199, 0.5397, 0.4097



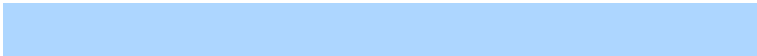
1.0835, 0.5134, 0.4305

Inverse Universe

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



46.6504, 0.2711, 0.2924



64.3220, 0.2612, 0.2825



36.0860, 0.2675, 0.2542



13.0232, 0.2982, 0.3170



9.4840, 0.1774, 0.1585



0.7376, 0.1861, 0.1899

Previews

White Background



This preview shows how the Yxy color 51.2784, 0.3601, 0.3630 looks on a white background.

Color Contrast Check

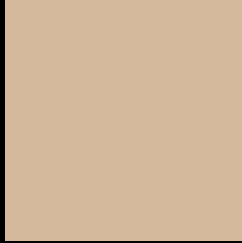
Large Text (above 18pt) WCAG AA × Fail

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 51.2784, 0.3601, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

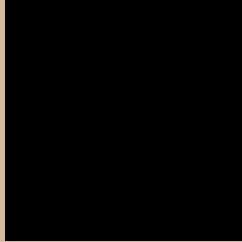
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2784, 0.3601, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 51.2784, 0.3601, 0.3630.



This preview shows how white text looks on a background with the Yxy color 51.2784, 0.3601, 0.3630.

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

51.2784, 0.3601, 0.3630

Protanopia

51.1778, 0.3458, 0.3666

Deuteranopia

51.3614, 0.3662, 0.3600



Tritanopia

51.2893, 0.3333, 0.3127

Trichromacy



Original Color

51.2784, 0.3601, 0.3630

Protanomaly

51.4142, 0.3513, 0.3662

Deuteranomaly

51.4670, 0.3640, 0.3614

Tritanomaly

51.3910, 0.3431, 0.3303

Monochromacy



Original Color

51.2784, 0.3601, 0.3630

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1866, 0.3289, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2784, 0.3601, 0.3630 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(213, 185, 157)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 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(213, 185, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 157) }
```

Border

The CSS property to change the border of an element to Yxy 51.2784, 0.3601, 0.3630 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(213, 185, 157) }
```

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

```
.border{ border-color:rgb(213, 185, 157) }
```

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

Here you see how a box with a 4 pixel rgb(213, 185, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 157);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2784, 0.3601, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 157) }
```

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

```
.background{ background-color: rgb(213,  
185, 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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