

Converting Colors

Yxy(51.2033, 0.3796, 0.3802)

Have a look what the booklet for
Yxy(51.2033, 0.3796, 0.3802)
contains.

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Color

Yxy(51.2641, 0.3795, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	DBB88D
RGB	219, 184, 141
RGB Percent	86%, 72%, 55%
CMY	0.1410, 0.2785, 0.4470
CMYK	0.00, 0.16, 0.36, 0.14
HSL	33°, 52%, 71%
HSV	33°, 36%, 86%
XYZ	51.1697, 51.2641, 32.4007
YIQ	189.5630, 34.6630, -5.9530

Conversions

Conversions Part 2

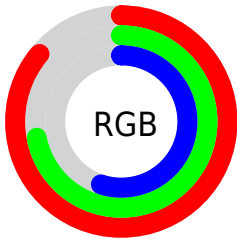
Format	Color
R _Y B	204, 219, 141
Decimal	14399629
CIE Lab	76.84, 6.58, 26.54
CIE LCh	77, 27.346, 76.069
Yxy	51.2641, 0.3795, 0.3802
Android (android.graphics.Color)	4292589709 (0xFFDDBB88D)
YUV	189.5630, -23.9416, 25.8162
Hunter-Lab	71.5990, 2.2707, 23.2887

Details

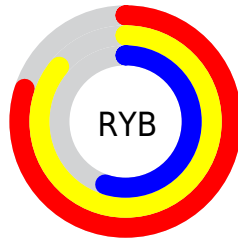
The Yxy color **51.2641, 0.3795, 0.3802** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.8511, 0.2549, 0.2714**, and the grayscale version is **51.3566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5203, 0.3516, 0.3741**, and **24.7573, 0.3982, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **46.7319, 0.4029, 0.3945**, and if you desaturate by 10%, it is **56.2143, 0.3580, 0.3654**.

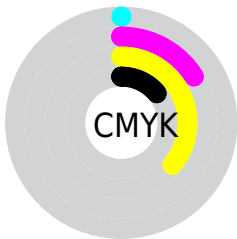
Distribution



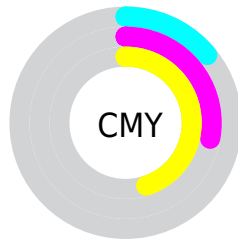
- Red (86%)
- Green (72%)
- Blue (55%)



- Red (80%)
- Yellow (86%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (14%)




- Cyan (14%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2641, 0.3795, 0.3802 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 51.2641, 0.3795, 0.3802 by changing the saturation by 10% instead.

 51.2641, 0.3795,
0.3802

 51.2641, 0.3795,
0.3802

391.5890, 0.3467,
0.3558


 36.4188, 0.3874,
0.3859


 92.0450, 0.3678,
0.3716

 24.7578, 0.3974,
0.3928


 118.7495, 0.3633,
0.3683

 15.8967, 0.4102,
0.4016


 150.1758, 0.3595,
0.3655

 9.4511, 0.4273,
0.4127

186.7084, 0.3562,
0.3630

 5.0366, 0.4508,
0.4270

228.7316, 0.3534,
0.3609

 2.2687, 0.5029,
0.4617

276.6298, 0.3509,

 0.7571, 0.5378,

0.3590

0.4622

330.7875, 0.3487,
0.3573

0.0000, 0.0000,
0.0000

51.2641, 0.3795,
0.3802

51.2641, 0.3795,
0.3802

46.7319, 0.4029,
0.3945

56.2143, 0.3580,
0.3654

42.5970, 0.4278,
0.4075

61.5878, 0.3387,
0.3507

38.8476, 0.4532,
0.4178

67.3991, 0.3215,
0.3366

35.4680, 0.4780,
0.4244

73.6593, 0.3063,
0.3233


32.4408, 0.5006,
0.4261

80.3794, 0.2930,
0.3109

 29.7457, 0.5197,
0.4223

 86.3958, 0.2908,
0.3167

 28.6580, 0.5273,
0.4195

 92.4429, 0.2911,
0.3268

 93.8053, 0.2912,
0.3289

Harmonies

Analogous

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



51.2641, 0.3864, 0.3538



51.2641, 0.3795, 0.3802



51.2641, 0.3543, 0.3947

Triad

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



51.2641, 0.3795, 0.3802



51.2641, 0.2562, 0.3305



51.2641, 0.3031, 0.2761

Complementary

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



51.2641, 0.3795, 0.3802



41.8511, 0.2549, 0.2714

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.



51.2641, 0.2700, 0.2686



51.2641, 0.3795, 0.3802



51.2641, 0.2442, 0.2973

Square

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



51.2641, 0.3795, 0.3802



51.2641, 0.2830, 0.3658



51.2641, 0.2492, 0.2755



51.2641, 0.3408, 0.2958

Rectangle

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



51.2641, 0.3795, 0.3802



51.2641, 0.3312, 0.3941



51.2641, 0.2492, 0.2755



51.2641, 0.2911, 0.2721

Sweetspot

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



51.2665, 0.3795, 0.3802



90.5473, 0.3306, 0.3442



37.2576, 0.3592, 0.2872



19.1429, 0.3330, 0.3462



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.



51.2665, 0.3795, 0.3802



67.3395, 0.3975, 0.3914



67.0714, 0.3630, 0.4182



14.2347, 0.3278, 0.3419



17.2089, 0.5252, 0.4212



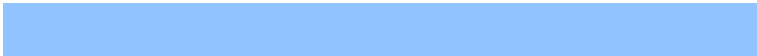
1.2861, 0.5033, 0.4386

Inverse Universe

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



41.8511, 0.2549, 0.2714



52.1209, 0.2419, 0.2562



30.1808, 0.2513, 0.2232



13.5753, 0.2982, 0.3158



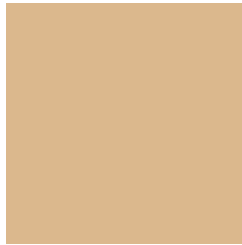
8.4640, 0.1728, 0.1420



0.7187, 0.1815, 0.1734

Previews

White Background



This preview shows how the Yxy color 51.2641, 0.3795, 0.3802 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 51.2641, 0.3795, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

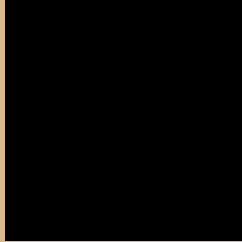
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2641, 0.3795, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 51.2641, 0.3795, 0.3802.



This preview shows how white text looks on a background with the Yxy color 51.2641, 0.3795, 0.3802.

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

51.2641, 0.3795, 0.3802

Protanopia

51.5370, 0.3604, 0.3863

Deuteranopia

51.2263, 0.3849, 0.3771



Tritanopia

51.0532, 0.3425, 0.3130

Trichromacy



Original Color

51.2641, 0.3795, 0.3802

Protanomaly

51.5049, 0.3672, 0.3842

Deuteranomaly

51.3197, 0.3826, 0.3786

Tritanomaly

51.1892, 0.3558, 0.3373

Monochromacy



Original Color

51.2641, 0.3795, 0.3802

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3625, 0.3364, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2641, 0.3795, 0.3802 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(219, 184, 141)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 184, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 141) }
```

Border

The CSS property to change the border of an element to Yxy 51.2641, 0.3795, 0.3802 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(219, 184, 141) }
```

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

```
.border{ border-color:rgb(219, 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(219, 184, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 141);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2641, 0.3795, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 141) }
```

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

```
.background{ background-color: rgb(219,  
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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