

Converting Colors

$Yxy(51.7526, 0.3732, 0.3684)$

Have a look what the booklet for
Yxy(51.7526, 0.3732, 0.3684)
contains.

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Color

Yxy(51.8875, 0.3728, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	DDB897
RGB	221, 184, 151
RGB Percent	87%, 72%, 59%
CMY	0.1332, 0.2784, 0.4078
CMYK	0.00, 0.17, 0.32, 0.13
HSL	28°, 51%, 73%
HSV	28°, 32%, 87%
XYZ	52.5500, 51.8875, 36.5228
YIQ	191.3010, 32.6450, -2.4190

Conversions

Conversions Part 2

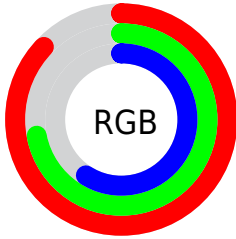
Format	Color
R _Y B	221, 213, 151
Decimal	14530711
CIE Lab	77.21, 8.59, 21.75
CIE LCh	77, 23.386, 68.442
Yxy	51.8875, 0.3728, 0.3681
Android (android.graphics.Color)	4292720791 (0xFFDDB897)
YUV	191.3010, -19.8684, 26.0460
Hunter-Lab	72.0330, 4.1629, 20.3613

Details

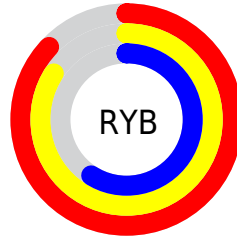
The Yxy color $51.8875, 0.3728, 0.3681$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $47.7776, 0.2624, 0.2862$, and the grayscale version is $52.3898, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9880, 0.3451, 0.3640$, and $25.1520, 0.3892, 0.3775$ is the 20% darker color. If you saturate the color by 10%, you get $46.5814, 0.3972, 0.3808$, and if you desaturate by 10%, it is $57.7342, 0.3510, 0.3553$.

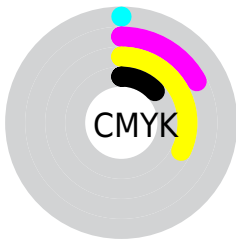
Distribution



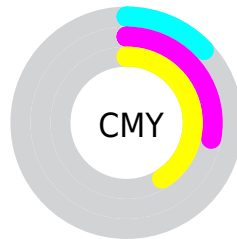
- Red (87%)
- Green (72%)
- Blue (59%)



- Red (87%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (13%)




- Cyan (13%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8875, 0.3728, 0.3681 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 51.8875, 0.3728, 0.3681 by changing the saturation by 10% instead.


 51.8875, 0.3728,
0.3681

 51.8875, 0.3728,
0.3681


394.0021, 0.3432,
0.3495

 36.9154, 0.3800,
0.3724

 92.9653, 0.3622,
0.3616

 25.1420, 0.3891,
0.3777


 119.8398, 0.3581,
0.3591

 16.1829, 0.4010,
0.3844


151.4506, 0.3547,
0.3569

 9.6537, 0.4171,
0.3929

188.1820, 0.3518,
0.3551

 5.1699, 0.4397,
0.4041

230.4185, 0.3492,
0.3534

 2.3473, 0.4780,
0.4223

278.5444, 0.3470,

 0.7986, 0.5498,

0.3520

0.4502

332.9441, 0.3450,
0.3507

0.0000, 0.0000,
0.0000

51.8875, 0.3728,
0.3681

51.8875, 0.3728,
0.3681

46.5814, 0.3972,
0.3808

57.7342, 0.3510,
0.3553

41.7915, 0.4240,
0.3925

64.1304, 0.3319,
0.3428

37.5018, 0.4525,
0.4022

71.0942, 0.3153,
0.3309

33.6928, 0.4815,
0.4087

78.6403, 0.3009,
0.3198

30.3428, 0.5092,
0.4106

86.3564, 0.2919,
0.3161

■ 27.4277, 0.5336,
0.4072

■ 93.5535, 0.2923,
0.3281

■ 25.3078, 0.5509,
0.4008

■ 94.1156, 0.2923,
0.3289

Harmonies

Analogous

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



51.8875, 0.3739, 0.3441



51.8875, 0.3728, 0.3681



51.8875, 0.3550, 0.3832

Triad

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



51.8875, 0.3728, 0.3681



51.8875, 0.2692, 0.3383



51.8875, 0.2968, 0.2807

Complementary

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



51.8875, 0.3728, 0.3681



47.7776, 0.2624, 0.2862

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.



51.8875, 0.2705, 0.2774



51.8875, 0.3728, 0.3681



51.8875, 0.2552, 0.3088

Square

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



51.8875, 0.3728, 0.3681



51.8875, 0.2949, 0.3666



51.8875, 0.2557, 0.2870



51.8875, 0.3288, 0.2953

Rectangle

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



51.8875, 0.3728, 0.3681



51.8875, 0.3366, 0.3853



51.8875, 0.2557, 0.2870



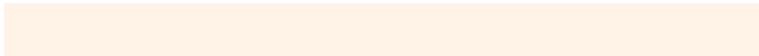
51.8875, 0.2870, 0.2782

Sweetspot

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



51.8899, 0.3728, 0.3681



90.1621, 0.3291, 0.3408



41.1544, 0.3467, 0.2853



19.0163, 0.3316, 0.3426



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.



51.8899, 0.3728, 0.3681



66.8057, 0.3887, 0.3765



68.1104, 0.3611, 0.4054



14.0583, 0.3280, 0.3400



14.9215, 0.5484, 0.4028



1.1383, 0.5220, 0.4238

Inverse Universe

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



47.7776, 0.2624, 0.2862



60.2652, 0.2518, 0.2756



34.6927, 0.2568, 0.2391



13.7512, 0.2982, 0.3177



10.6325, 0.1801, 0.1682



0.8609, 0.1879, 0.1965

Previews

White Background



This preview shows how the Yxy color 51.8875, 0.3728, 0.3681 looks on a white background.

Color Contrast Check

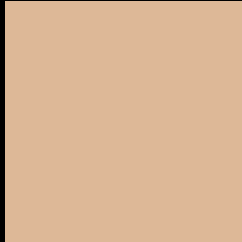
Large Text (above 18pt) WCAG AA × Fail

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 51.8875, 0.3728, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

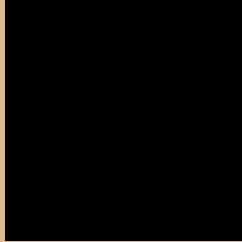
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8875, 0.3728, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 51.8875, 0.3728, 0.3681.



This preview shows how white text looks on a background with the Yxy color 51.8875, 0.3728, 0.3681.

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

51.8875, 0.3728, 0.3681

Protanopia

52.1513, 0.3511, 0.3751

Deuteranopia

51.7893, 0.3749, 0.3667



Tritanopia

51.8153, 0.3432, 0.3131

Trichromacy



Original Color

51.8875, 0.3728, 0.3681

Protanomaly

51.8217, 0.3590, 0.3719

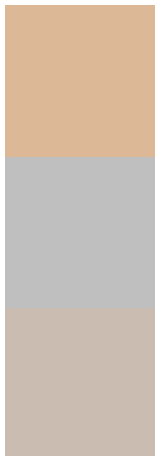
Deuteranomaly

51.6309, 0.3740, 0.3668

Tritanomaly

51.6641, 0.3541, 0.3326

Monochromacy



Original Color

51.8875, 0.3728, 0.3681

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6576, 0.3340, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8875, 0.3728, 0.3681 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(221, 184, 151)` looks like.

```
.text, #text, p{  
  color:rgb(221, 184, 151)  
}
```

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(221, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 184, 151) }
```

Border

The CSS property to change the border of an element to Yxy 51.8875, 0.3728, 0.3681 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(221, 184, 151) }
```

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

```
.border{ border-color:rgb(221, 184, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 184, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(221, 184,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8875, 0.3728, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 184, 151) }
```

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

```
.background{ background-color: rgb(221,  
184, 151) }
```

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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