

Converting Colors

$Yxy(47.8248, 0.3679, 0.3609)$

Have a look what the booklet for
Yxy(47.8248, 0.3679, 0.3609)
contains.

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Color

Yxy(47.8248, 0.3679, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	D5B197
RGB	213, 177, 151
RGB Percent	84%, 69%, 59%
CMY	0.1646, 0.3059, 0.4079
CMYK	0.00, 0.17, 0.29, 0.16
HSL	25°, 42%, 71%
HSV	25°, 29%, 84%
XYZ	48.7524, 47.8248, 35.9382
YIQ	184.8000, 29.8020, -0.4540

Conversions

Conversions Part 2

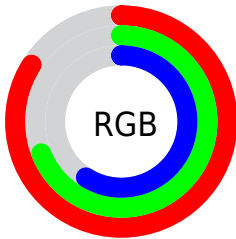
Format	Color
R _Y B	213, 196, 151
Decimal	14004631
CIE Lab	74.71, 9.23, 18.19
CIE LCh	75, 20.396, 63.087
Yxy	47.8248, 0.3679, 0.3609
Android (android.graphics.Color)	4292194711 (0xFFD5B197)
YUV	184.8000, -16.6634, 24.7314
Hunter-Lab	69.1555, 4.8147, 17.5975

Details

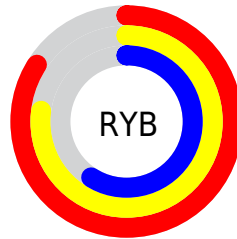
The Yxy color $47.8248, 0.3679, 0.3609$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $46.9324, 0.2672, 0.2947$, and the grayscale version is $48.4826, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9456, 0.3464, 0.3572$, and $22.5035, 0.3833, 0.3684$ is the 20% darker color. If you saturate the color by 10%, you get $42.5284, 0.3926, 0.3723$, and if you desaturate by 10%, it is $53.6937, 0.3463, 0.3495$.

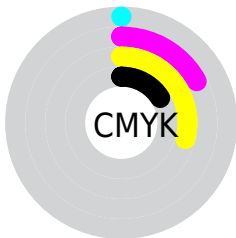
Distribution



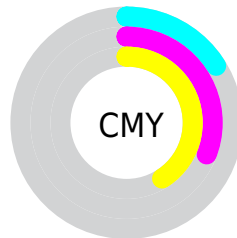
- Red (84%)
- Green (69%)
- Blue (59%)



- Red (84%)
- Yellow (77%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8248, 0.3679, 0.3609 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 47.8248, 0.3679, 0.3609 by changing the saturation by 10% instead.


 47.8248, 0.3679,
0.3609


 47.8248, 0.3679,
0.3609


378.0973, 0.3403,
0.3456

 33.6882, 0.3748,
0.3645


 86.9435, 0.3579,
0.3555

 22.6541, 0.3836,
0.3690


 112.6943, 0.3541,
0.3534

 14.3383, 0.3952,
0.3747


143.0854, 0.3509,
0.3516

 8.3564, 0.4112,
0.3821

178.5010, 0.3482,
0.3501

 4.3238, 0.4345,
0.3919

219.3256, 0.3458,
0.3487

 1.8563, 0.4780,
0.4108

265.9436, 0.3437,

 0.5219, 0.5802,

0.3476

0.4198

318.7393, 0.3419,
0.3465

0.0000, 0.0000,
0.0000

47.8248, 0.3679,
0.3609

47.8248, 0.3679,
0.3609

42.5284, 0.3926,
0.3723

53.6937, 0.3463,
0.3495

37.7796, 0.4202,
0.3830

60.1461, 0.3275,
0.3385

33.5609, 0.4503,
0.3922

67.2008, 0.3114,
0.3281

29.8513, 0.4816,
0.3985

74.8739, 0.2975,
0.3185

26.6281, 0.5124,
0.4007

83.0180, 0.2870,
0.3122

■ 23.8662, 0.5404,
0.3977

■ 90.5059, 0.2876,
0.3251

■ 21.5327, 0.5638,
0.3897

■ 92.8890, 0.2877,
0.3289

■ 21.3443, 0.5658,
0.3890

Harmonies

Analogous

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



47.8248, 0.3659, 0.3386



47.8248, 0.3679, 0.3609



47.8248, 0.3545, 0.3761

Triad

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



47.8248, 0.3679, 0.3609



47.8248, 0.2771, 0.3423



47.8248, 0.2937, 0.2841

Complementary

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



47.8248, 0.3679, 0.3609



46.9324, 0.2672, 0.2947

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.



47.8248, 0.2715, 0.2832



47.8248, 0.3679, 0.3609



47.8248, 0.2623, 0.3155

Square

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



47.8248, 0.3679, 0.3609



47.8248, 0.3017, 0.3662



47.8248, 0.2603, 0.2942



47.8248, 0.3220, 0.2956

Rectangle

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



47.8248, 0.3679, 0.3609



47.8248, 0.3390, 0.3794



47.8248, 0.2603, 0.2942



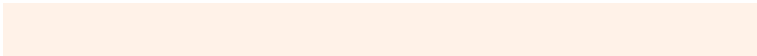
47.8248, 0.2853, 0.2825

Sweetspot

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



47.8270, 0.3679, 0.3609



90.3978, 0.3275, 0.3385



39.8769, 0.3401, 0.2855



19.0317, 0.3301, 0.3400



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.



47.8270, 0.3679, 0.3609



66.7943, 0.3829, 0.3681



61.4221, 0.3580, 0.3958



13.2678, 0.3281, 0.3388



13.2275, 0.5632, 0.3910



0.9594, 0.5325, 0.4154

Inverse Universe

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



46.9324, 0.2672, 0.2947



65.2273, 0.2574, 0.2861



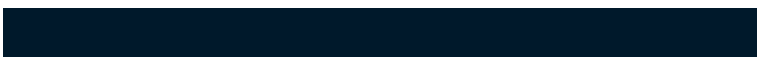
35.2169, 0.2626, 0.2520



13.1948, 0.2982, 0.3190



11.9010, 0.1851, 0.1864



0.8798, 0.1926, 0.2135

Previews

White Background



This preview shows how the Yxy color 47.8248, 0.3679, 0.3609 looks on a white background.

Color Contrast Check

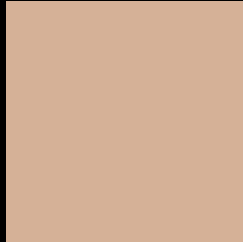
Large Text (above 18pt) WCAG AA × Fail

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 47.8248, 0.3679, 0.3609 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 47.8248, 0.3679, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 47.8248, 0.3679, 0.3609.



This preview shows how white text looks on a background with the Yxy color 47.8248, 0.3679, 0.3609.

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

47.8248, 0.3679, 0.3609

Protanopia

48.0834, 0.3458, 0.3677

Deuteranopia

47.8248, 0.3679, 0.3609



Tritanopia

47.7595, 0.3424, 0.3137

Trichromacy



Original Color

47.8248, 0.3679, 0.3609

Protanomaly

47.7652, 0.3538, 0.3645

Deuteranomaly

47.8248, 0.3679, 0.3609

Tritanomaly

47.8882, 0.3518, 0.3303

Monochromacy



Original Color

47.8248, 0.3679, 0.3609

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0751, 0.3313, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8248, 0.3679, 0.3609 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, 177, 151)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 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(213, 177, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 151) }
```

Border

The CSS property to change the border of an element to Yxy 47.8248, 0.3679, 0.3609 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, 177, 151) }
```

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

```
.border{ border-color:rgb(213, 177, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 177, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 151);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8248, 0.3679, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 151) }
```

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

```
.background{ background-color: rgb(213,  
177, 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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