

Converting Colors

$Yxy(57.6373, 0.3706, 0.3820)$

Have a look what the booklet for
Yxy(57.6373, 0.3706, 0.3820)
contains.

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Color

Yxy(57.4022, 0.3703, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	DFC497
RGB	223, 196, 151
RGB Percent	87%, 77%, 59%
CMY	0.1254, 0.2314, 0.4078
CMYK	0.00, 0.12, 0.32, 0.13
HSL	37°, 53%, 73%
HSV	37°, 32%, 87%
XYZ	55.7608, 57.4022, 37.4198
YIQ	198.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

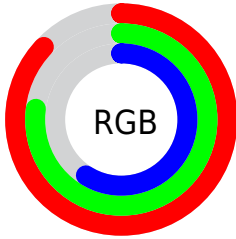
Format	Color
RYB	194, 223, 151
Decimal	14664855
CIELab	80.41, 3.03, 26.12
CIELCh	80, 26.300, 83.387
Yxy	57.4022, 0.3703, 0.3812
Android (android.graphics.Color)	4292854935 (0xFFDFC497)
YUV	198.9430, -23.6359, 21.0980
Hunter-Lab	75.7642, -1.2153, 23.7517

Details

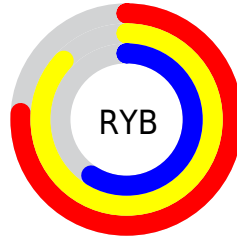
The Yxy color **57.4022, 0.3703, 0.3812** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7565, 0.2596, 0.2704**, and the grayscale version is **57.2123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9183, 0.3427, 0.3762**, and **28.4816, 0.3851, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **53.0777, 0.3916, 0.3975**, and if you desaturate by 10%, it is **62.0796, 0.3505, 0.3645**.

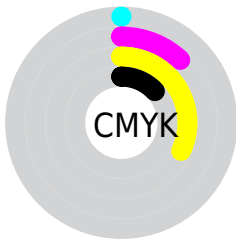
Distribution



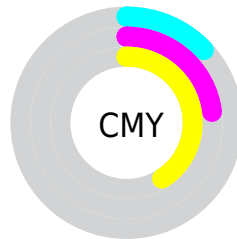
- Red (87%)
- Green (77%)
- Blue (59%)



- Red (76%)
- Yellow (87%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4022, 0.3703, 0.3812 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 57.4022, 0.3703, 0.3812 by changing the saturation by 10% instead.


 57.4022, 0.3703,
0.3812


 57.4022, 0.3703,
0.3812

414.9547, 0.3426,
0.3564

 41.3282, 0.3768,
0.3869

 101.0518, 0.3605,
0.3725

 28.5757, 0.3849,
0.3940


 129.3963, 0.3568,
0.3692

 18.7600, 0.3953,
0.4030


162.5997, 0.3536,
0.3663

 11.4970, 0.4089,
0.4145

201.0464, 0.3508,
0.3638

 6.4022, 0.4273,
0.4298

245.1209, 0.3484,
0.3616

 3.0911, 0.4552,
0.4522

295.2075, 0.3462,

 1.1795, 0.5070,

0.3597

0.4930

351.6906, 0.3443,
0.3580

0.0449, 0.7221,
0.2779

0.0000, 0.0000,
0.0000

57.4022, 0.3703,
0.3812

57.4022, 0.3703,
0.3812

53.0777, 0.3916,
0.3975

62.0796, 0.3505,
0.3645

49.0869, 0.4139,
0.4127


67.1123, 0.3324,
0.3482


45.4205, 0.4365,
0.4256

72.5130, 0.3162,
0.3325


42.0654, 0.4583,
0.4350


78.2909, 0.3017,
0.3177


 39.0070, 0.4782,
0.4400


 83.9618, 0.2930,
0.3114

 36.2282, 0.4950,
0.4397

 88.9428, 0.2933,
0.3200

 34.2575, 0.5060,
0.4364

 94.1531, 0.2935,
0.3285

 94.4304, 0.2935,
0.3289

Harmonies

Analogous

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



57.4022, 0.3812, 0.3589



57.4022, 0.3703, 0.3812



57.4022, 0.3439, 0.3905

Triad

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



57.4022, 0.3703, 0.3812



57.4022, 0.2561, 0.3224



57.4022, 0.3124, 0.2833

Complementary

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



57.4022, 0.3703, 0.3812



43.7565, 0.2596, 0.2704

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.



57.4022, 0.2798, 0.2733



57.4022, 0.3703, 0.3812



57.4022, 0.2487, 0.2936

Square

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



57.4022, 0.3703, 0.3812



57.4022, 0.2781, 0.3555



57.4022, 0.2571, 0.2765



57.4022, 0.3468, 0.3039

Rectangle

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



57.4022, 0.3703, 0.3812



57.4022, 0.3216, 0.3866



57.4022, 0.2571, 0.2765



57.4022, 0.3009, 0.2786

Sweetspot

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



57.4048, 0.3703, 0.3812



92.5127, 0.3287, 0.3446



41.0637, 0.3583, 0.2967



19.5851, 0.3311, 0.3469



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.



57.4048, 0.3703, 0.3812



73.6280, 0.3851, 0.3927



69.4067, 0.3548, 0.4111



15.1203, 0.3276, 0.3436



20.3638, 0.5044, 0.4377



1.5819, 0.4878, 0.4509

Inverse Universe

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



43.7565, 0.2596, 0.2704



52.3205, 0.2473, 0.2551



34.8754, 0.2617, 0.2354



14.0816, 0.2981, 0.3139



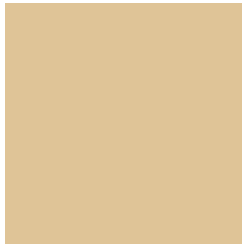
7.0299, 0.1666, 0.1198



0.6555, 0.1752, 0.1507

Previews

White Background



This preview shows how the Yxy color 57.4022, 0.3703, 0.3812 looks on a white background.

Color Contrast Check

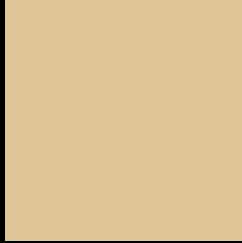
Large Text (above 18pt) WCAG AA × Fail

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 57.4022, 0.3703, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

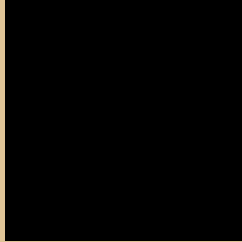
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4022, 0.3703, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 57.4022, 0.3703, 0.3812.



This preview shows how white text looks on a background with the Yxy color 57.4022, 0.3703, 0.3812.

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

57.4022, 0.3703, 0.3812

Protanopia

57.2929, 0.3592, 0.3838

Deuteranopia

57.1908, 0.3817, 0.3728



Tritanopia

57.4128, 0.3341, 0.3124

Trichromacy



Original Color

57.4022, 0.3703, 0.3812

Protanomaly

57.4069, 0.3637, 0.3832

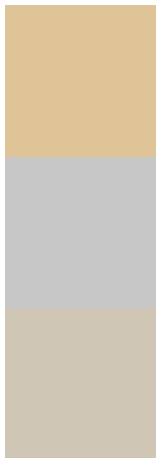
Deuteranomaly

57.3959, 0.3775, 0.3755

Tritanomaly

57.5329, 0.3473, 0.3370

Monochromacy



Original Color

57.4022, 0.3703, 0.3812

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1755, 0.3328, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4022, 0.3703, 0.3812 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(223, 196, 151)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 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(223, 196, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 151) }
```

Border

The CSS property to change the border of an element to Yxy 57.4022, 0.3703, 0.3812 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(223, 196, 151) }
```

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

```
.border{ border-color:rgb(223, 196, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 196, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 151);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4022, 0.3703, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 151) }
```

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

```
.background{ background-color: rgb(223,  
196, 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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