

Converting Colors

Yxy(57.7613, 0.3634, 0.4013)

Have a look what the booklet for
Yxy(57.7613, 0.3634, 0.4013)
contains.

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Color

Yxy(57.7494, 0.3631, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	D1CA8E
RGB	209, 202, 142
RGB Percent	82%, 79%, 56%
CMY	0.1805, 0.2078, 0.4432
CMYK	0.00, 0.03, 0.32, 0.18
HSL	54°, 42%, 69%
HSV	54°, 32%, 82%
XYZ	52.2913, 57.7494, 33.9728
YIQ	197.2530, 23.4320, -17.1760

Conversions

Conversions Part 2

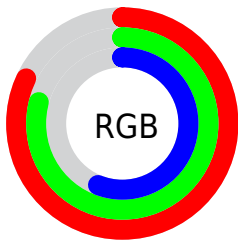
Format	Color
RYB	150, 209, 142
Decimal	13748878
CIELab	80.60, -6.68, 30.90
CIELCh	81, 31.613, 102.190
Yxy	57.7494, 0.3631, 0.4010
Android (android.graphics.Color)	4291938958 (0xFFD1CA8E)
YUV	197.2530, -27.2397, 10.3021
Hunter-Lab	75.9930, -10.1608, 26.6895

Details

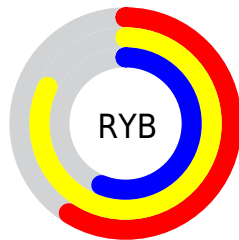
The Yxy color **57.7494, 0.3631, 0.4010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8277, 0.2571, 0.2450**, and the grayscale version is **56.1515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **28.8052, 0.3756, 0.4192** is the 20% darker color. If you saturate the color by 10%, you get **56.1700, 0.3791, 0.4229**, and if you desaturate by 10%, it is **59.4661, 0.3469, 0.3783**.

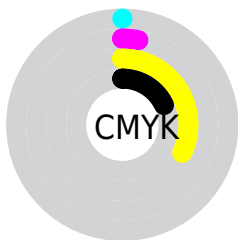
Distribution



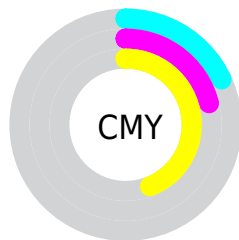
- Red (82%)
- Green (79%)
- Blue (56%)



- Red (59%)
- Yellow (82%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (18%)




- Cyan (18%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7494, 0.3631, 0.4010 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 57.7494, 0.3631, 0.4010 by changing the saturation by 10% instead.


 57.7494, 0.3631,
0.4010


 57.7494, 0.3631,
0.4010


416.2515, 0.3394,
0.3661

 41.6072, 0.3685,
0.4093


 101.5578, 0.3549,
0.3886

 28.7939, 0.3751,
0.4196


 129.9929, 0.3517,
0.3839

 18.9249, 0.3833,
0.4327


 163.2943, 0.3489,
0.3799

 11.6160, 0.3936,
0.4500

201.8466, 0.3465,
0.3764

 6.4828, 0.4065,
0.4734

246.0340, 0.3444,
0.3733

 3.1408, 0.4309,
0.5161

296.2411, 0.3425,

 1.2057, 0.4426,

0.3706

0.5574

352.8521, 0.3409,
0.3683

0.0663, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7494, 0.3631,
0.4010

57.7494, 0.3631,
0.4010

56.1700, 0.3791,
0.4229

59.4661, 0.3469,
0.3783

54.7133, 0.3944,
0.4429

61.3183, 0.3310,
0.3556

53.3747, 0.4082,
0.4602

63.3144, 0.3157,
0.3334

52.1460, 0.4199,
0.4739

65.4597, 0.3014,
0.3123

■ 51.0179, 0.4291,
0.4833

■ 67.7593, 0.2882,
0.2925

■ 49.9791, 0.4355,
0.4882

■ 69.3958, 0.2832,
0.2863

■ 49.2025, 0.4390,
0.4896

■ 70.5096, 0.2833,
0.2886

■ 71.6381, 0.2834,
0.2910

■ 72.7814, 0.2836,
0.2934

Harmonies

Analogous

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



57.7494, 0.3891, 0.3821



57.7494, 0.3631, 0.4010



57.7494, 0.3245, 0.3995

Triad

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



57.7494, 0.3631, 0.4010



57.7494, 0.2378, 0.2977



57.7494, 0.3385, 0.2889

Complementary

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



57.7494, 0.3631, 0.4010



31.8277, 0.2571, 0.2450

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.



57.7494, 0.2967, 0.2689



57.7494, 0.3631, 0.4010



57.7494, 0.2408, 0.2719

Square

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



57.7494, 0.3631, 0.4010



57.7494, 0.2531, 0.3357



57.7494, 0.2616, 0.2624



57.7494, 0.3751, 0.3183

Rectangle

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



57.7494, 0.3631, 0.4010



57.7494, 0.2972, 0.3852



57.7494, 0.2616, 0.2624



57.7494, 0.3245, 0.2809

Sweetspot

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



57.7520, 0.3631, 0.4010



96.7859, 0.3279, 0.3512



35.0871, 0.3772, 0.3193



20.6235, 0.3302, 0.3544



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.



57.7520, 0.3631, 0.4010



88.9942, 0.3734, 0.4151



57.6455, 0.3398, 0.4143



13.5789, 0.3269, 0.3496



30.4296, 0.4387, 0.4899



1.7632, 0.4347, 0.4931

Inverse Universe

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



31.8277, 0.2571, 0.2450



42.5675, 0.2443, 0.2250



32.2297, 0.2779, 0.2404



11.6126, 0.2982, 0.3075



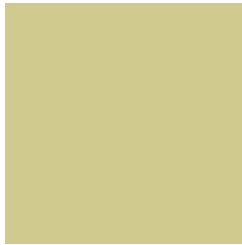
3.2546, 0.1522, 0.0678



0.2508, 0.1582, 0.0896

Previews

White Background



This preview shows how the Yxy color 57.7494, 0.3631, 0.4010 looks on a white background.

Color Contrast Check

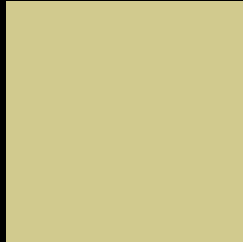
Large Text (above 18pt) WCAG AA × Fail

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 57.7494, 0.3631, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

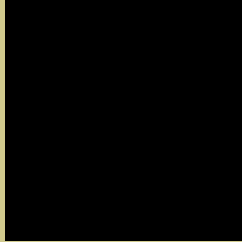
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

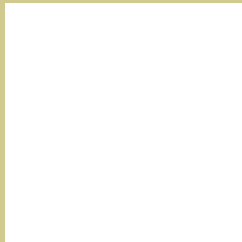
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7494, 0.3631, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 57.7494, 0.3631, 0.4010.



This preview shows how white text looks on a background with the Yxy color 57.7494, 0.3631, 0.4010.

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

57.7494, 0.3631, 0.4010

Protanopia

57.8306, 0.3705, 0.3985

Deuteranopia

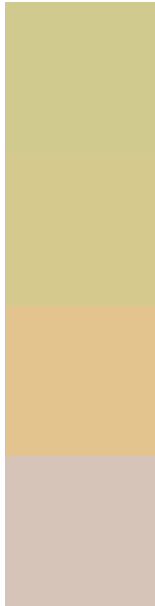
57.7174, 0.3896, 0.3824



Tritanopia

57.4951, 0.3200, 0.3108

Trichromacy



Original Color

57.7494, 0.3631, 0.4010

Protanomaly

57.8425, 0.3676, 0.4002

Deuteranomaly

57.7939, 0.3800, 0.3896

Tritanomaly

57.2788, 0.3357, 0.3420

Monochromacy



Original Color

57.7494, 0.3631, 0.4010

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4387, 0.3307, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7494, 0.3631, 0.4010 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(209, 202, 142)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 142)  
}
```

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(209, 202, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 142) }
```

Border

The CSS property to change the border of an element to Yxy 57.7494, 0.3631, 0.4010 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(209, 202, 142) }
```

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

```
.border{ border-color:rgb(209, 202, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 142);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7494, 0.3631, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 142) }
```

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

```
.background{ background-color: rgb(209,  
202, 142) }
```

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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