

Converting Colors

$Yxy(58.6246, 0.3748, 0.3981)$

Have a look what the booklet for
Yxy(58.6246, 0.3748, 0.3981)
contains.

Yxy(58.6038, 0.3748, 0.3974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.6038, 0.3748, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	DDC88D
RGB	221, 200, 141
RGB Percent	87%, 78%, 55%
CMY	0.1335, 0.2156, 0.4471
CMYK	0.00, 0.09, 0.36, 0.13
HSL	44°, 54%, 71%
HSV	44°, 36%, 87%
XYZ	55.2710, 58.6038, 33.5932
YIQ	199.5530, 31.4550, -13.8970

Conversions

Conversions Part 2

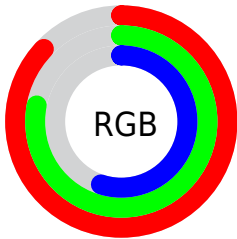
Format	Color
R _{YB}	169, 221, 141
Decimal	14534797
CIE Lab	81.07, -1.08, 32.22
CIE LCh	81, 32.243, 91.919
Yxy	58.6038, 0.3748, 0.3974
Android (android.graphics.Color)	4292724877 (0xFFDDC88D)
YUV	199.5530, -28.8666, 18.8090
Hunter-Lab	76.5531, -5.0917, 27.5694

Details

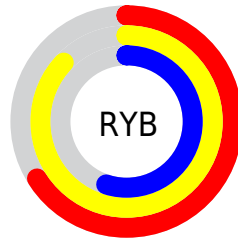
The Yxy color **58.6038, 0.3748, 0.3974** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.6961, 0.2510, 0.2494**, and the grayscale version is **57.6342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **29.2953, 0.3904, 0.4137** is the 20% darker color. If you saturate the color by 10%, you get **55.3832, 0.3939, 0.4158**, and if you desaturate by 10%, it is **62.0625, 0.3562, 0.3782**.

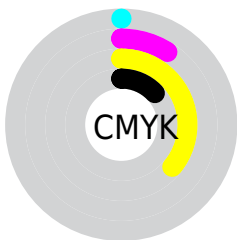
Distribution



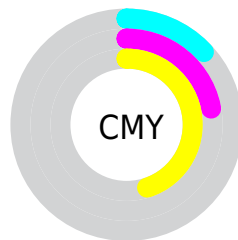
- Red (87%)
- Green (78%)
- Blue (55%)



- Red (66%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (36%)
- Black (13%)




- Cyan (13%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6038, 0.3748, 0.3974 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 58.6038, 0.3748, 0.3974 by changing the saturation by 10% instead.


 58.6038, 0.3748,
0.3974

 58.6038, 0.3748,
0.3974


419.4321, 0.3454,
0.3649


 42.2943, 0.3815,
0.4049


 102.8016, 0.3645,
0.3860

 29.3318, 0.3898,
0.4142


 131.4587, 0.3606,
0.3816

 19.3319, 0.4002,
0.4258


 165.0004, 0.3572,
0.3778

 11.9104, 0.4134,
0.4407

203.8111, 0.3542,
0.3746

 6.6827, 0.4302,
0.4600

248.2752, 0.3516,
0.3717

 3.2645, 0.4612,
0.4952

298.7772, 0.3493,

 1.2713, 0.4803,

0.3691

0.5197

355.7013, 0.3472,
0.3669

■ 0.1188, 0.4215,
0.5785

■ 0.0000, 0.0000,
0.0000

■ 58.6038, 0.3748,
0.3974

■ 58.6038, 0.3748,
0.3974

■ 55.3832, 0.3939,
0.4158

■ 62.0625, 0.3562,
0.3782

■ 52.3835, 0.4130,
0.4324

■ 65.7594, 0.3385,
0.3589

■ 49.5978, 0.4311,
0.4461

■ 69.7049, 0.3222,
0.3402

■ 47.0150, 0.4474,
0.4559

■ 73.9065, 0.3072,
0.3223

44.6225, 0.4612,
0.4611

78.3709, 0.2936,
0.3056

42.4049, 0.4718,
0.4614

81.8507, 0.2917,
0.3081

41.5966, 0.4754,
0.4607

85.2129, 0.2919,
0.3141

88.6838, 0.2920,
0.3201

92.2645, 0.2922,
0.3260

Harmonies

Analogous

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



58.6038, 0.3946, 0.3731



58.6038, 0.3748, 0.3974



58.6038, 0.3388, 0.4038

Triad

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



58.6038, 0.3748, 0.3974



58.6038, 0.2400, 0.3094



58.6038, 0.3243, 0.2801

Complementary

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



58.6038, 0.3748, 0.3974



36.6961, 0.2510, 0.2494

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.



58.6038, 0.2830, 0.2641



58.6038, 0.3748, 0.3974



58.6038, 0.2367, 0.2782

Square

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



58.6038, 0.3748, 0.3974



58.6038, 0.2615, 0.3500



58.6038, 0.2518, 0.2628



58.6038, 0.3648, 0.3072

Rectangle

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



58.6038, 0.3748, 0.3974



58.6038, 0.3110, 0.3948



58.6038, 0.2518, 0.2628



58.6038, 0.3100, 0.2733

Sweetspot

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



58.6065, 0.3748, 0.3974



93.7263, 0.3300, 0.3493



37.0325, 0.3762, 0.3036



19.9022, 0.3323, 0.3518



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.



58.6065, 0.3748, 0.3974



77.8649, 0.3885, 0.4107



66.2130, 0.3523, 0.4234



14.6568, 0.3273, 0.3462



24.3671, 0.4743, 0.4616



1.7158, 0.4634, 0.4702

Inverse Universe

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



36.6961, 0.2510, 0.2494



43.5675, 0.2376, 0.2303



31.7027, 0.2619, 0.2244



13.1689, 0.2981, 0.3112



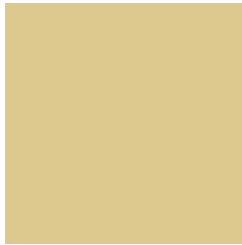
4.9404, 0.1589, 0.0920



0.4599, 0.1677, 0.1238

Previews

White Background



This preview shows how the Yxy color 58.6038, 0.3748, 0.3974 looks on a white background.

Color Contrast Check

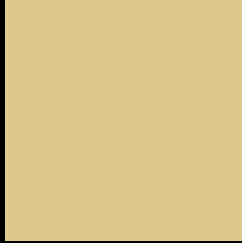
Large Text (above 18pt) WCAG AA × Fail

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 58.6038, 0.3748, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

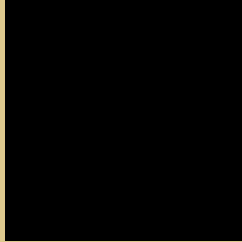
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6038, 0.3748, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 58.6038, 0.3748, 0.3974.



This preview shows how white text looks on a background with the Yxy color 58.6038, 0.3748, 0.3974.

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

58.6038, 0.3748, 0.3974

Protanopia

58.4780, 0.3703, 0.3981

Deuteranopia

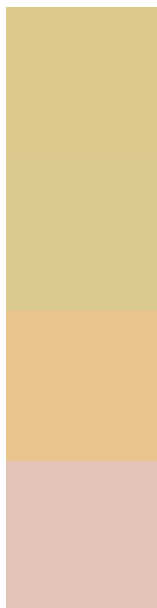
58.6182, 0.3933, 0.3850



Tritanopia

58.6982, 0.3305, 0.3124

Trichromacy



Original Color

58.6038, 0.3748, 0.3974

Protanomaly

58.6317, 0.3711, 0.3979

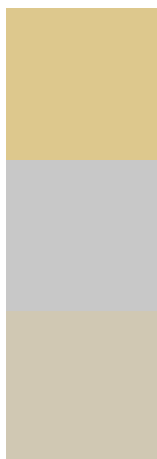
Deuteranomaly

58.7565, 0.3860, 0.3895

Tritanomaly

58.4567, 0.3466, 0.3428

Monochromacy



Original Color

58.6038, 0.3748, 0.3974

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9731, 0.3347, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6038, 0.3748, 0.3974 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, 200, 141)` looks like.

```
.text, #text, p{  
    color:rgb(221, 200, 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(221, 200, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 200, 141) }
```

Border

The CSS property to change the border of an element to Yxy 58.6038, 0.3748, 0.3974 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, 200, 141) }
```

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

```
.border{ border-color:rgb(221, 200, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 200, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 200, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 200, 141);  
box-shadow:4px 4px 4px 4px rgb(221, 200,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6038, 0.3748, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 200, 141) }
```

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

```
.background{ background-color: rgb(221,  
200, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor