

Converting Colors

$Yxy(66.0071, 0.3596, 0.4024)$

Have a look what the booklet for
Yxy(66.0071, 0.3596, 0.4024)
contains.

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Color

Yxy(65.7407, 0.3598, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	DAD797
RGB	218, 215, 151
RGB Percent	85%, 84%, 59%
CMY	0.1452, 0.1568, 0.4078
CMYK	0.00, 0.01, 0.31, 0.15
HSL	57°, 47%, 72%
HSV	57°, 31%, 85%
XYZ	58.7957, 65.7407, 38.8757
YIQ	208.6010, 22.3320, -19.2680

Conversions

Conversions Part 2

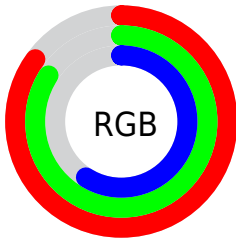
Format	Color
RYB	154, 218, 151
Decimal	14342039
CIELab	84.86, -8.73, 32.02
CIELCh	85, 33.187, 105.251
Yxy	65.7407, 0.3598, 0.4023
Android (android.graphics.Color)	4292532119 (0xFFDAD797)
YUV	208.6010, -28.3973, 8.2429
Hunter-Lab	81.0806, -12.4517, 28.3287

Details

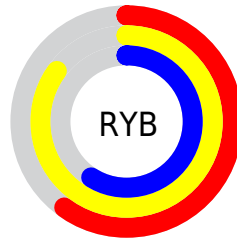
The Yxy color **65.7407, 0.3598, 0.4023** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.7478, 0.2589, 0.2433**, and the grayscale version is **63.6651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **33.7238, 0.3706, 0.4205** is the 20% darker color. If you saturate the color by 10%, you get **64.6094, 0.3749, 0.4254**, and if you desaturate by 10%, it is **67.0118, 0.3442, 0.3783**.

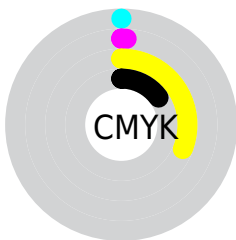
Distribution



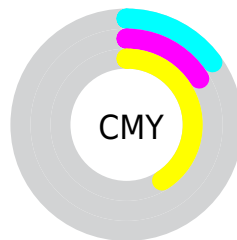
- Red (85%)
- Green (84%)
- Blue (59%)



- Red (60%)
- Yellow (85%)
- Blue (59%)



- Cyan (0%)
- Magenta (1%)
- Yellow (31%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7407, 0.3598, 0.4023 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 65.7407, 0.3598, 0.4023 by changing the saturation by 10% instead.

 65.7407, 0.3598,
0.4023

 65.7407, 0.3598,
0.4023

445.4490, 0.3382,
0.3674

 48.0619, 0.3646,
0.4104

 113.1141, 0.3524,
0.3901

 33.8759, 0.3703,
0.4204


 143.5775, 0.3495,
0.3854

 22.7983, 0.3774,
0.4331

179.0713, 0.3470,
0.3813

 14.4447, 0.3861,
0.4496

219.9798, 0.3448,
0.3778

 8.4306, 0.3969,
0.4717

266.6874, 0.3429,
0.3747

 4.3717, 0.4102,
0.5026

319.5785, 0.3412,

 1.8836, 0.4367,

0.3720

0.5633

379.0376, 0.3396,
0.3696

■ 0.5385, 0.3568,
0.6432

■ 0.0000, 0.0000,
0.0000

■ 65.7407, 0.3598,
0.4023

■ 65.7407, 0.3598,
0.4023

■ 64.6094, 0.3749,
0.4254

■ 67.0118, 0.3442,
0.3783

■ 63.6017, 0.3891,
0.4467

■ 68.4204, 0.3287,
0.3542

■ 62.7127, 0.4016,
0.4651

■ 69.9758, 0.3138,
0.3307

■ 61.9336, 0.4119,
0.4798

■ 71.6838, 0.2996,
0.3082

■ 61.2542, 0.4196,
0.4903

■ 73.2231, 0.2893,
0.2921

■ 60.6624, 0.4246,
0.4964

■ 73.7307, 0.2893,
0.2932

■ 60.1720, 0.4273,
0.4989

■ 74.2413, 0.2893,
0.2942

■ 74.7548, 0.2894,
0.2952

■ 75.2712, 0.2894,
0.2963

Harmonies

Analogous

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



65.7407, 0.3877, 0.3850



65.7407, 0.3598, 0.4023



65.7407, 0.3203, 0.3983

Triad

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



65.7407, 0.3598, 0.4023



65.7407, 0.2369, 0.2942



65.7407, 0.3429, 0.2914

Complementary

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



65.7407, 0.3598, 0.4023



34.7478, 0.2589, 0.2433

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.



65.7407, 0.3007, 0.2701



65.7407, 0.3598, 0.4023



65.7407, 0.2418, 0.2698

Square

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



65.7407, 0.3598, 0.4023



65.7407, 0.2505, 0.3315



65.7407, 0.2643, 0.2620



65.7407, 0.3783, 0.3216

Rectangle

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



65.7407, 0.3598, 0.4023



65.7407, 0.2931, 0.3825



65.7407, 0.2643, 0.2620



65.7407, 0.3289, 0.2830

Sweetspot

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



65.7437, 0.3598, 0.4023



97.9624, 0.3262, 0.3503



39.3865, 0.3784, 0.3251



20.9010, 0.3285, 0.3538



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.



65.7437, 0.3598, 0.4023



92.7042, 0.3699, 0.4178



63.0375, 0.3353, 0.4116



15.1598, 0.3268, 0.3511



36.1013, 0.4272, 0.4990



2.3700, 0.4258, 0.5001

Inverse Universe

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



34.7478, 0.2589, 0.2433



41.6090, 0.2453, 0.2214



37.0420, 0.2834, 0.2452



12.7091, 0.2981, 0.3059



3.1993, 0.1508, 0.0630



0.2406, 0.1533, 0.0719

Previews

White Background



This preview shows how the Yxy color 65.7407, 0.3598, 0.4023 looks on a white background.

Color Contrast Check

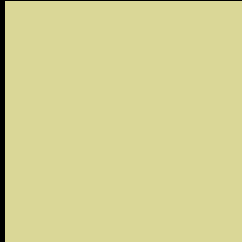
Large Text (above 18pt) WCAG AA × Fail

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 65.7407, 0.3598, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

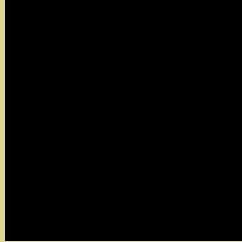
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7407, 0.3598, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 65.7407, 0.3598, 0.4023.



This preview shows how white text looks on a background with the Yxy color 65.7407, 0.3598, 0.4023.

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

65.7407, 0.3598, 0.4023

Protanopia

65.7830, 0.3696, 0.3983

Deuteranopia

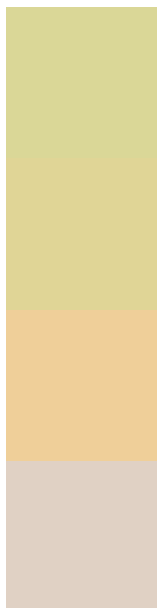
65.5542, 0.3889, 0.3806



Tritanopia

65.7474, 0.3173, 0.3117

Trichromacy



Original Color

65.7407, 0.3598, 0.4023

Protanomaly

65.6378, 0.3660, 0.4001

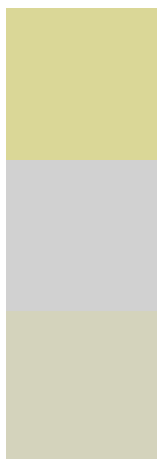
Deuteranomaly

65.2763, 0.3782, 0.3878

Tritanomaly

65.4337, 0.3335, 0.3436

Monochromacy



Original Color

65.7407, 0.3598, 0.4023

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2164, 0.3296, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7407, 0.3598, 0.4023 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(218, 215, 151)` looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 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(218, 215, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 151) }
```

Border

The CSS property to change the border of an element to Yxy 65.7407, 0.3598, 0.4023 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(218, 215, 151) }
```

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

```
.border{ border-color:rgb(218, 215, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 215, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 151);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7407, 0.3598, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 151) }
```

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

```
.background{ background-color: rgb(218,  
215, 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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