

Converting Colors

$Yxy(67.2878, 0.3596, 0.4055)$

Have a look what the booklet for
Yxy(67.2878, 0.3596, 0.4055)
contains.

Yxy(67.4372, 0.3597, 0.4052)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.4372, 0.3597, 0.4052)

Conversions

Conversions Part 1

Format	Color
Hex	DBDA97
RGB	219, 218, 151
RGB Percent	86%, 85%, 59%
CMY	0.1412, 0.1450, 0.4079
CMYK	0.00, 0.00, 0.31, 0.14
HSL	59°, 49%, 73%
HSV	59°, 31%, 86%
XYZ	59.8647, 67.4372, 39.1276
YIQ	210.6610, 22.1030, -20.6250

Conversions

Conversions Part 2

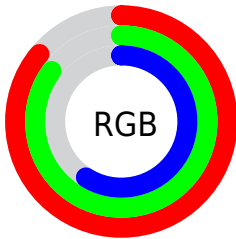
Format	Color
RYB	152, 219, 151
Decimal	14408343
CIELab	85.72, -9.87, 33.20
CIElCh	86, 34.633, 106.561
Yxy	67.4372, 0.3597, 0.4052
Android (android.graphics.Color)	4292598423 (0xFFDBDA97)
YUV	210.6610, -29.4129, 7.3133
Hunter-Lab	82.1202, -13.5858, 29.2344

Details

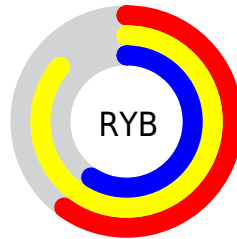
The Yxy color **67.4372, 0.3597, 0.4052** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1280, 0.2579, 0.2394**, and the grayscale version is **65.0914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **34.8818, 0.3702, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **66.6321, 0.3743, 0.4288**, and if you desaturate by 10%, it is **68.3808, 0.3445, 0.3806**.

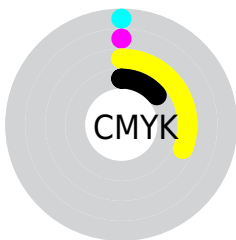
Distribution



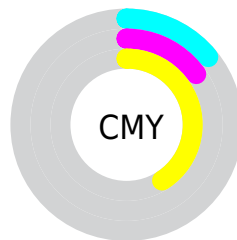
- Red (86%)
- Green (85%)
- Blue (59%)



- Red (60%)
- Yellow (86%)
- Blue (59%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (14%)




- Cyan (14%)
- Magenta (15%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4372, 0.3597, 0.4052 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 67.4372, 0.3597, 0.4052 by changing the saturation by 10% instead.

 67.4372, 0.3597,
0.4052

 67.4372, 0.3597,
0.4052


451.4994, 0.3384,
0.3691

 49.4400, 0.3644,
0.4136

 115.5467, 0.3524,
0.3926

 34.9687, 0.3700,
0.4239


 146.4277, 0.3496,
0.3877

 23.6387, 0.3768,
0.4369


182.3722, 0.3471,
0.3835

 15.0658, 0.3851,
0.4539

223.7644, 0.3449,
0.3798

 8.8656, 0.3953,
0.4764

270.9889, 0.3430,
0.3766

 4.6536, 0.4073,
0.5076

324.4299, 0.3413,

 2.0455, 0.4315,

0.3738

0.5685

384.4720, 0.3398,
0.3713

0.6337, 0.3631,
0.6369

0.0000, 0.0000,
0.0000

67.4372, 0.3597,
0.4052

67.4372, 0.3597,
0.4052

66.6321, 0.3743,
0.4288

68.3808, 0.3445,
0.3806

65.9492, 0.3878,
0.4504

69.4605, 0.3292,
0.3558

65.3832, 0.3995,
0.4690

70.6858, 0.3143,
0.3315

64.9254, 0.4089,
0.4838

72.0625, 0.3000,
0.3083

■ 64.5654, 0.4157,
0.4944

■ 73.2392, 0.2899,
0.2919

■ 64.2909, 0.4199,
0.5006

■ 73.4026, 0.2899,
0.2923

■ 64.0989, 0.4218,
0.5033

■ 73.5663, 0.2899,
0.2926

■ 73.7303, 0.2900,
0.2929

■ 73.8946, 0.2900,
0.2933

Harmonies

Analogous

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



67.4372, 0.3894, 0.3879



67.4372, 0.3597, 0.4052



67.4372, 0.3186, 0.4002

Triad

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



67.4372, 0.3597, 0.4052



67.4372, 0.2343, 0.2914



67.4372, 0.3457, 0.2913

Complementary

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



67.4372, 0.3597, 0.4052



34.1280, 0.2579, 0.2394

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.



67.4372, 0.3021, 0.2689



67.4372, 0.3597, 0.4052



67.4372, 0.2402, 0.2671

Square

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



67.4372, 0.3597, 0.4052



67.4372, 0.2474, 0.3296



67.4372, 0.2641, 0.2599



67.4372, 0.3819, 0.3228

Rectangle

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



67.4372, 0.3597, 0.4052



67.4372, 0.2906, 0.3831



67.4372, 0.2641, 0.2599



67.4372, 0.3313, 0.2826

Sweetspot

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



67.4402, 0.3597, 0.4052



98.4007, 0.3262, 0.3509



39.4525, 0.3818, 0.3278



21.0099, 0.3284, 0.3545



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.



67.4402, 0.3597, 0.4052



94.4867, 0.3690, 0.4202



63.3398, 0.3339, 0.4131



15.2304, 0.3267, 0.3518



38.0297, 0.4218, 0.5033



2.4742, 0.4214, 0.5036

Inverse Universe

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



34.1280, 0.2579, 0.2394



40.5991, 0.2448, 0.2180



37.4094, 0.2850, 0.2446



12.6467, 0.2981, 0.3052



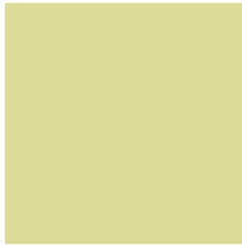
3.0862, 0.1503, 0.0610



0.2107, 0.1511, 0.0639

Previews

White Background



This preview shows how the Yxy color 67.4372, 0.3597, 0.4052 looks on a white background.

Color Contrast Check

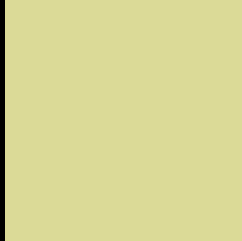
Large Text (above 18pt) WCAG AA × Fail

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 67.4372, 0.3597, 0.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

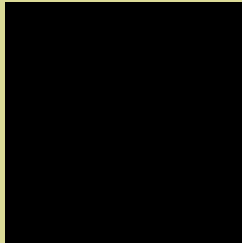
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

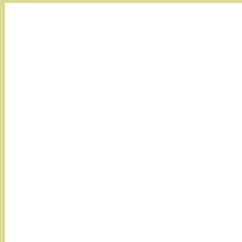
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4372, 0.3597, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 67.4372, 0.3597, 0.4052.



This preview shows how white text looks on a background with the Yxy color 67.4372, 0.3597, 0.4052.

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

67.4372, 0.3597, 0.4052

Protanopia

67.2520, 0.3720, 0.4008

Deuteranopia

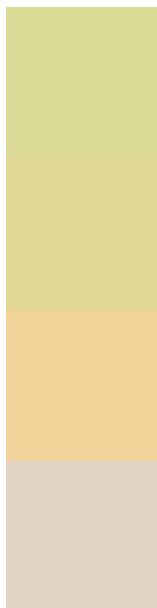
67.0666, 0.3905, 0.3821



Tritanopia

67.5312, 0.3158, 0.3118

Trichromacy



Original Color

67.4372, 0.3597, 0.4052

Protanomaly

67.1338, 0.3678, 0.4015

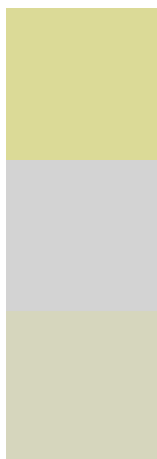
Deuteranomaly

67.0939, 0.3787, 0.3905

Tritanomaly

67.1717, 0.3324, 0.3446

Monochromacy



Original Color

67.4372, 0.3597, 0.4052

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.0634, 0.3301, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4372, 0.3597, 0.4052 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(219, 218, 151)` looks like.

```
.text, #text, p{  
    color:rgb(219, 218, 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(219, 218, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 151) }
```

Border

The CSS property to change the border of an element to Yxy 67.4372, 0.3597, 0.4052 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(219, 218, 151) }
```

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

```
.border{ border-color:rgb(219, 218, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 218, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 218, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 218, 151);  
box-shadow:4px 4px 4px 4px rgb(219, 218,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4372, 0.3597, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 218, 151) }
```

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

```
.background{ background-color: rgb(219,  
218, 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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