

Converting Colors

Yxy(63.8903, 0.3476, 0.3808)

Have a look what the booklet for
Yxy(63.8903, 0.3476, 0.3808)
contains.

Yxy(63.7888, 0.3479, 0.3813)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.7888, 0.3479, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	D7D3A6
RGB	215, 211, 166
RGB Percent	84%, 83%, 65%
CMY	0.1568, 0.1725, 0.3492
CMYK	0.00, 0.02, 0.23, 0.16
HSL	55°, 38%, 75%
HSV	55°, 23%, 84%
XYZ	58.2012, 63.7888, 45.3029
YIQ	207.0660, 16.8290, -13.1470

Conversions

Conversions Part 2

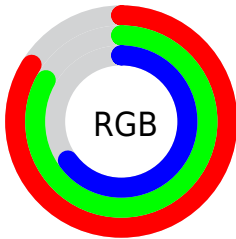
Format	Color
RYB	170, 215, 166
Decimal	14144422
CIELab	83.86, -5.82, 22.86
CIELCh	84, 23.587, 104.296
Yxy	63.7888, 0.3479, 0.3813
Android (android.graphics.Color)	4292334502 (0xFFD7D3A6)
YUV	207.0660, -20.2455, 6.9581
Hunter-Lab	79.8679, -9.6925, 22.2769

Details

The Yxy color **63.7888, 0.3479, 0.3813** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.7484, 0.2746, 0.2707**, and the grayscale version is **62.5672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **32.8024, 0.3562, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **62.1995, 0.3639, 0.4045**, and if you desaturate by 10%, it is **65.5252, 0.3321, 0.3580**.

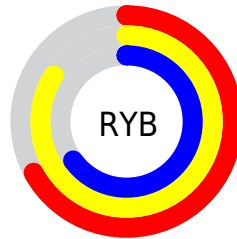
Distribution



Red (84%)

Green (83%)

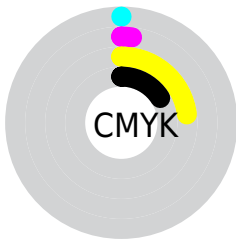
Blue (65%)



Red (67%)

Yellow (84%)

Blue (65%)

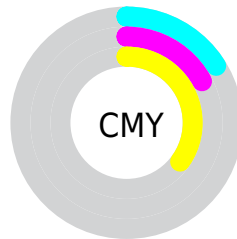


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (16%)



Cyan (16%)


Magenta (17%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7888, 0.3479, 0.3813 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 63.7888, 0.3479, 0.3813 by changing the saturation by 10% instead.


 63.7888, 0.3479,
0.3813

 63.7888, 0.3479,
0.3813


438.4266, 0.3315,
0.3563

 46.4796, 0.3517,
0.3872

 110.3067, 0.3422,
0.3725

 32.6245, 0.3563,
0.3945


 140.2843, 0.3400,
0.3691

 21.8389, 0.3621,
0.4040


175.2534, 0.3381,
0.3662

 13.7386, 0.3696,
0.4164

215.5985, 0.3364,
0.3637

 7.9391, 0.3796,
0.4336

261.7040, 0.3349,
0.3615

 4.0560, 0.3930,
0.4586

313.9542, 0.3337,

 1.7049, 0.4424,

0.3596

0.5349

372.7336, 0.3325,
0.3578

0.4268, 0.3817,
0.6183

0.0000, 0.0000,
0.0000

63.7888, 0.3479,
0.3813

63.7888, 0.3479,
0.3813

62.1995, 0.3639,
0.4045

65.5252, 0.3321,
0.3580

60.7423, 0.3795,
0.4266

67.4063, 0.3169,
0.3352

59.4128, 0.3942,
0.4469

69.4408, 0.3025,
0.3135

58.2031, 0.4072,
0.4642

71.6340, 0.2891,
0.2930

■ 57.1045, 0.4181,
0.4777

■ 72.7438, 0.2873,
0.2919

■ 56.1068, 0.4264,
0.4870

■ 73.6695, 0.2874,
0.2938

■ 55.1978, 0.4319,
0.4918

■ 74.6050, 0.2875,
0.2957

■ 54.5845, 0.4345,
0.4932

■ 75.5502, 0.2876,
0.2975

■ 76.5051, 0.2877,
0.2994

Harmonies

Analogous

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



63.7888, 0.3671, 0.3696



63.7888, 0.3479, 0.3813



63.7888, 0.3197, 0.3782

Triad

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



63.7888, 0.3479, 0.3813



63.7888, 0.2574, 0.3053



63.7888, 0.3337, 0.3009

Complementary

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



63.7888, 0.3479, 0.3813



41.7484, 0.2746, 0.2707

Split Complementary

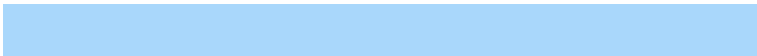
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.7888, 0.3035, 0.2853



63.7888, 0.3479, 0.3813



63.7888, 0.2606, 0.2867

Square

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



63.7888, 0.3479, 0.3813



63.7888, 0.2681, 0.3322



63.7888, 0.2770, 0.2799



63.7888, 0.3590, 0.3234

Rectangle

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



63.7888, 0.3479, 0.3813



63.7888, 0.2999, 0.3673



63.7888, 0.2770, 0.2799



63.7888, 0.3237, 0.2947

Sweetspot

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



63.7917, 0.3479, 0.3813



97.9763, 0.3233, 0.3448



44.6123, 0.3555, 0.3242



20.9347, 0.3242, 0.3462



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.



63.7917, 0.3479, 0.3813



92.7952, 0.3550, 0.3917



62.9043, 0.3310, 0.3886



14.3382, 0.3268, 0.3502



32.7187, 0.4343, 0.4934



2.0259, 0.4314, 0.4957

Inverse Universe

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



41.7484, 0.2746, 0.2707



55.2783, 0.2661, 0.2575



42.6554, 0.2909, 0.2683



12.1701, 0.2981, 0.3069



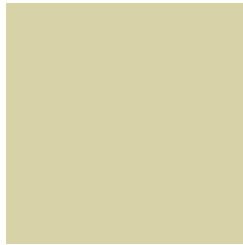
3.2475, 0.1516, 0.0657



0.2539, 0.1563, 0.0825

Previews

White Background



This preview shows how the Yxy color 63.7888, 0.3479, 0.3813 looks on a white background.

Color Contrast Check

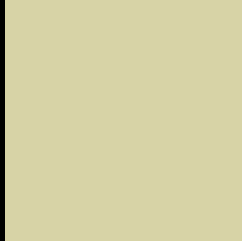
Large Text (above 18pt) WCAG AA × Fail

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 63.7888, 0.3479, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

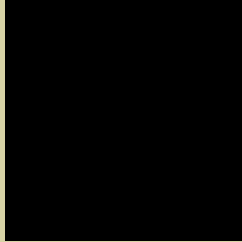
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

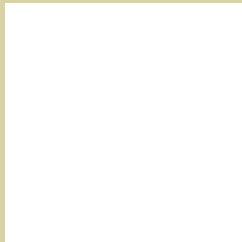
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7888, 0.3479, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 63.7888, 0.3479, 0.3813.



This preview shows how white text looks on a background with the Yxy color 63.7888, 0.3479, 0.3813.

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

63.7888, 0.3479, 0.3813

Protanopia

63.8471, 0.3547, 0.3793

Deuteranopia

63.6551, 0.3721, 0.3648



Tritanopia

63.8826, 0.3151, 0.3114

Trichromacy



Original Color

63.7888, 0.3479, 0.3813

Protanomaly

63.8699, 0.3521, 0.3808

Deuteranomaly

63.7763, 0.3633, 0.3713

Tritanomaly

63.8558, 0.3269, 0.3370

Monochromacy



Original Color

63.7888, 0.3479, 0.3813

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6192, 0.3256, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7888, 0.3479, 0.3813 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(215, 211, 166)` looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 166)  
}
```

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(215, 211, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 166) }
```

Border

The CSS property to change the border of an element to Yxy 63.7888, 0.3479, 0.3813 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(215, 211, 166) }
```

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

```
.border{ border-color:rgb(215, 211, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 211, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 166);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7888, 0.3479, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 166) }
```

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

```
.background{ background-color: rgb(215,  
211, 166) }
```

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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