

Converting Colors

$Yxy(68.5407, 0.3369, 0.3655)$

Have a look what the booklet for
Yxy(68.5407, 0.3369, 0.3655)
contains.

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Color

Yxy(68.3441, 0.3370, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	DCD9B9
RGB	220, 217, 185
RGB Percent	86%, 85%, 73%
CMY	0.1373, 0.1490, 0.2745
CMYK	0.00, 0.01, 0.16, 0.14
HSL	55°, 33%, 79%
HSV	55°, 16%, 86%
XYZ	63.0840, 68.3441, 55.7647
YIQ	214.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

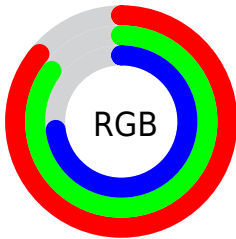
Format	Color
RYB	188, 220, 185
Decimal	14473657
CIELab	86.18, -4.28, 16.15
CIELCh	86, 16.711, 104.837
Yxy	68.3441, 0.3370, 0.3651
Android (android.graphics.Color)	4292663737 (0xFFD9CD9B9)
YUV	214.2490, -14.4198, 5.0436
Hunter-Lab	82.6705, -8.4640, 17.8757

Details

The Yxy color **68.3441, 0.3370, 0.3651** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.4436, 0.2871, 0.2901**, and the grayscale version is **67.5157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **35.5059, 0.3429, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **66.5251, 0.3530, 0.3884**, and if you desaturate by 10%, it is **70.3239, 0.3215, 0.3422**.

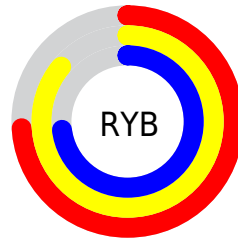
Distribution



Red (86%)

Green (85%)

Blue (73%)



Red (74%)

Yellow (86%)

Blue (73%)

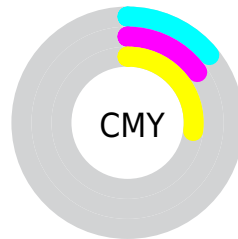


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (14%)



Cyan (14%)


Magenta (15%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3441, 0.3370, 0.3651 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 68.3441, 0.3370, 0.3651 by changing the saturation by 10% instead.

 68.3441, 0.3370,
0.3651

 68.3441, 0.3370,
0.3651

454.7142, 0.3257,
0.3481

 50.1777, 0.3396,
0.3691

 116.8443, 0.3331,
0.3591

 35.5546, 0.3428,
0.3740


147.9469, 0.3316,
0.3568

 24.0904, 0.3468,
0.3803


184.1303, 0.3303,
0.3548

 15.4007, 0.3520,
0.3887

225.7790, 0.3291,
0.3531

 9.1011, 0.3591,
0.4002

273.2773, 0.3281,
0.3516

 4.8072, 0.3691,
0.4171

327.0097, 0.3272,

 2.1346, 0.3846,

0.3503

0.4445

387.3606, 0.3264,
0.3491

0.6840, 0.4437,
0.5563

0.0000, 0.0000,
0.0000

68.3441, 0.3370,
0.3651

68.3441, 0.3370,
0.3651

66.5251, 0.3530,
0.3884

70.3239, 0.3215,
0.3422

64.8513, 0.3690,
0.4113

72.4617, 0.3068,
0.3201

63.3185, 0.3845,
0.4329

74.7664, 0.2931,
0.2993

61.9190, 0.3988,
0.4523

76.0294, 0.2908,
0.2973

60.6442, 0.4113,
0.4685

77.0485, 0.2908,
0.2993

59.4843, 0.4215,
0.4807

78.0788, 0.2909,
0.3013

58.4281, 0.4290,
0.4885

79.1204, 0.2909,
0.3033

57.4615, 0.4338,
0.4919

80.1733, 0.2910,
0.3052

57.0818, 0.4353,
0.4926

81.2375, 0.2911,
0.3072

Harmonies

Analogous

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



68.3441, 0.3502, 0.3577



68.3441, 0.3370, 0.3651



68.3441, 0.3175, 0.3623

Triad

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



68.3441, 0.3370, 0.3651



68.3441, 0.2739, 0.3127



68.3441, 0.3277, 0.3095

Complementary

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



68.3441, 0.3370, 0.3651



51.4436, 0.2871, 0.2901

Split Complementary

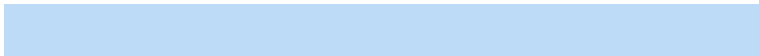
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.3441, 0.3069, 0.2983



68.3441, 0.3370, 0.3651



68.3441, 0.2763, 0.2995

Square

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



68.3441, 0.3370, 0.3651



68.3441, 0.2814, 0.3311



68.3441, 0.2882, 0.2945



68.3441, 0.3449, 0.3257

Rectangle

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



68.3441, 0.3370, 0.3651



68.3441, 0.3037, 0.3548



68.3441, 0.2882, 0.2945



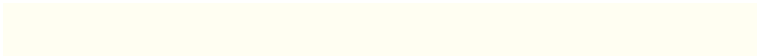
68.3441, 0.3209, 0.3051

Sweetspot

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



68.3471, 0.3370, 0.3651



98.5127, 0.3202, 0.3402



53.5655, 0.3398, 0.3250



21.0420, 0.3213, 0.3418



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.



68.3471, 0.3370, 0.3651



94.6502, 0.3422, 0.3727



67.8091, 0.3260, 0.3696



15.0636, 0.3269, 0.3502



33.5835, 0.4350, 0.4928



2.2329, 0.4322, 0.4950

Inverse Universe

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



51.4436, 0.2871, 0.2901



66.8551, 0.2813, 0.2812



52.0069, 0.2978, 0.2878



12.7951, 0.2981, 0.3069



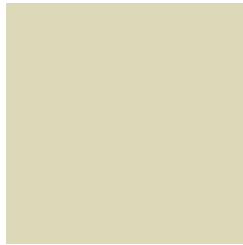
3.3691, 0.1517, 0.0659



0.2816, 0.1562, 0.0824

Previews

White Background



This preview shows how the Yxy color 68.3441, 0.3370, 0.3651 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 68.3441, 0.3370, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

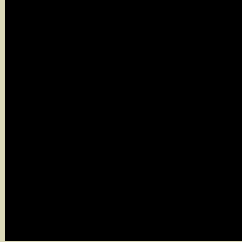
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

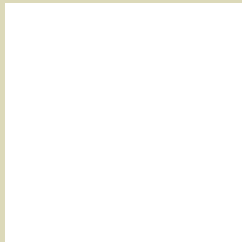
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3441, 0.3370, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 68.3441, 0.3370, 0.3651.



This preview shows how white text looks on a background with the Yxy color 68.3441, 0.3370, 0.3651.

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

68.3441, 0.3370, 0.3651

Protanopia

68.3925, 0.3435, 0.3635

Deuteranopia

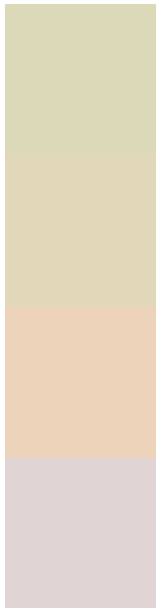
67.9877, 0.3588, 0.3503



Tritanopia

68.3587, 0.3121, 0.3107

Trichromacy



Original Color

68.3441, 0.3370, 0.3651

Protanomaly

68.4197, 0.3410, 0.3648

Deuteranomaly

68.1382, 0.3507, 0.3562

Tritanomaly

68.1893, 0.3216, 0.3301

Monochromacy



Original Color

68.3441, 0.3370, 0.3651

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5116, 0.3217, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3441, 0.3370, 0.3651 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(220, 217, 185)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 185)  
}
```

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(220, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 185) }
```

Border

The CSS property to change the border of an element to Yxy 68.3441, 0.3370, 0.3651 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(220, 217, 185) }
```

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

```
.border{ border-color:rgb(220, 217, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 217, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 185);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3441, 0.3370, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 185) }
```

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

```
.background{ background-color: rgb(220,  
217, 185) }
```

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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