

Converting Colors

Yxy(67.9252, 0.3316, 0.3586)

Have a look what the booklet for
Yxy(67.9252, 0.3316, 0.3586)
contains.

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Color

Yxy(67.7349, 0.3321, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	DAD8BE
RGB	218, 216, 190
RGB Percent	85%, 85%, 75%
CMY	0.1451, 0.1529, 0.2548
CMYK	0.00, 0.01, 0.13, 0.15
HSL	56°, 27%, 80%
HSV	56°, 13%, 85%
XYZ	62.7644, 67.7349, 58.4932
YIQ	213.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

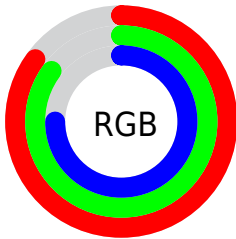
Format	Color
RYB	192, 218, 190
Decimal	14342334
CIELab	85.87, -3.70, 13.06
CIELCh	86, 13.575, 105.835
Yxy	67.7349, 0.3321, 0.3584
Android (android.graphics.Color)	4292532414 (0xFFDAD8BE)
YUV	213.6340, -11.6516, 3.8290
Hunter-Lab	82.3012, -7.8998, 15.4722

Details

The Yxy color **67.7349, 0.3321, 0.3584** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.7171, 0.2924, 0.2978**, and the grayscale version is **67.0635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **35.0824, 0.3365, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **66.0632, 0.3478, 0.3820**, and if you desaturate by 10%, it is **69.5626, 0.3169, 0.3354**.

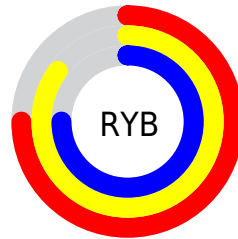
Distribution



Red (85%)

Green (85%)

Blue (75%)



Red (75%)

Yellow (85%)

Blue (75%)

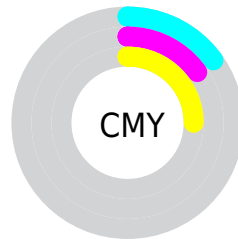


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (15%)



Cyan (15%)


Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7349, 0.3321, 0.3584 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 67.7349, 0.3321, 0.3584 by changing the saturation by 10% instead.


 67.7349, 0.3321,
0.3584

 67.7349, 0.3321,
0.3584


452.5562, 0.3231,
0.3445

 49.6821, 0.3342,
0.3616


 115.9728, 0.3290,
0.3535

 35.1609, 0.3367,
0.3657

146.9267, 0.3277,
0.3516

 23.7868, 0.3400,
0.3709


182.9498, 0.3267,
0.3500

 15.1756, 0.3443,
0.3777

224.4264, 0.3258,
0.3486

 8.9427, 0.3501,
0.3873

271.7409, 0.3250,
0.3474

 4.7038, 0.3585,
0.4014

325.2778, 0.3243,

 2.0746, 0.3713,

0.3463

0.4241

385.4214, 0.3236,
0.3454

0.6503, 0.4479,
0.5521

0.0000, 0.0000,
0.0000

67.7349, 0.3321,
0.3584

67.7349, 0.3321,
0.3584

66.0632, 0.3478,
0.3820

69.5626, 0.3169,
0.3354

64.5324, 0.3637,
0.4053

71.5434, 0.3025,
0.3133

63.1385, 0.3792,
0.4277

73.6586, 0.2893,
0.2930

61.8741, 0.3936,
0.4481

74.4801, 0.2894,
0.2947

60.7313, 0.4064,
0.4655

75.3093, 0.2894,
0.2963

59.7007, 0.4169,
0.4791

76.1461, 0.2895,
0.2980

58.7721, 0.4248,
0.4884

76.9905, 0.2896,
0.2997

57.9327, 0.4300,
0.4933

77.8425, 0.2896,
0.3013

57.3710, 0.4325,
0.4948

78.7023, 0.2897,
0.3030

Harmonies

Analogous

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



67.7349, 0.3430, 0.3528



67.7349, 0.3321, 0.3584



67.7349, 0.3161, 0.3558

Triad

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



67.7349, 0.3321, 0.3584



67.7349, 0.2808, 0.3154



67.7349, 0.3255, 0.3134

Complementary

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



67.7349, 0.3321, 0.3584



53.7171, 0.2924, 0.2978

Split Complementary

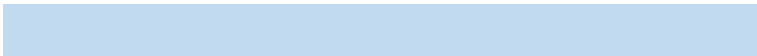
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7349, 0.3086, 0.3040



67.7349, 0.3321, 0.3584



67.7349, 0.2831, 0.3047

Square

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



67.7349, 0.3321, 0.3584



67.7349, 0.2868, 0.3303



67.7349, 0.2932, 0.3008



67.7349, 0.3392, 0.3269

Rectangle

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



67.7349, 0.3321, 0.3584



67.7349, 0.3049, 0.3495



67.7349, 0.2932, 0.3008



67.7349, 0.3200, 0.3097

Sweetspot

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



67.7379, 0.3321, 0.3584



98.8980, 0.3187, 0.3381



55.5629, 0.3341, 0.3264



21.1247, 0.3198, 0.3398



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.



67.7379, 0.3321, 0.3584



96.0518, 0.3357, 0.3638



67.0302, 0.3231, 0.3614



15.0969, 0.3269, 0.3505



34.4396, 0.4323, 0.4950



2.2797, 0.4299, 0.4968

Inverse Universe

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



53.7171, 0.2924, 0.2978



72.8435, 0.2885, 0.2917



54.4101, 0.3013, 0.2962



12.7653, 0.2981, 0.3066



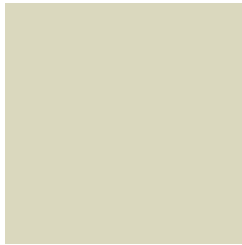
3.3040, 0.1513, 0.0648



0.2674, 0.1552, 0.0788

Previews

White Background



This preview shows how the Yxy color 67.7349, 0.3321, 0.3584 looks on a white background.

Color Contrast Check

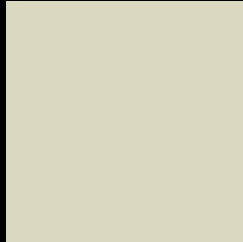
Large Text (above 18pt) WCAG AA × Fail

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 67.7349, 0.3321, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

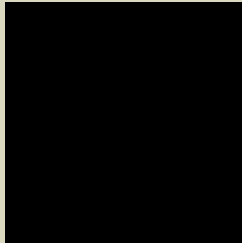
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

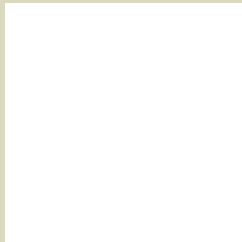
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7349, 0.3321, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 67.7349, 0.3321, 0.3584.



This preview shows how white text looks on a background with the Yxy color 67.7349, 0.3321, 0.3584.

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

67.7349, 0.3321, 0.3584

Protanopia

67.6146, 0.3377, 0.3570

Deuteranopia

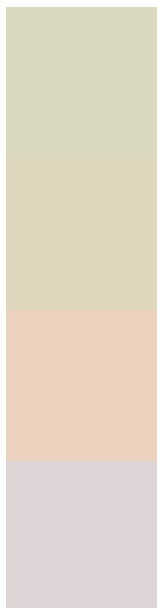
67.6645, 0.3526, 0.3451



Tritanopia

67.8226, 0.3106, 0.3117

Trichromacy



Original Color

67.7349, 0.3321, 0.3584

Protanomaly

67.8046, 0.3360, 0.3582

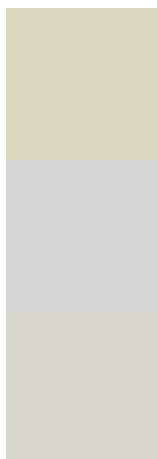
Deuteranomaly

67.5169, 0.3456, 0.3498

Tritanomaly

67.8157, 0.3179, 0.3279

Monochromacy



Original Color

67.7349, 0.3321, 0.3584

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.4557, 0.3195, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7349, 0.3321, 0.3584 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, 216, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 190)  
}
```

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, 216, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 190) }
```

Border

The CSS property to change the border of an element to Yxy 67.7349, 0.3321, 0.3584 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, 216, 190) }
```

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

```
.border{ border-color:rgb(218, 216, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 216, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7349, 0.3321, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 190) }
```

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

```
.background{ background-color: rgb(218,  
216, 190) }
```

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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