

Converting Colors

$Yxy(67.3500, 0.3402, 0.3664)$

Have a look what the booklet for
Yxy(67.3500, 0.3402, 0.3664)
contains.

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Color

Yxy(67.3504, 0.3403, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	DDD7B6
RGB	221, 215, 182
RGB Percent	87%, 84%, 71%
CMY	0.1332, 0.1569, 0.2864
CMYK	0.00, 0.03, 0.18, 0.13
HSL	51°, 37%, 79%
HSV	51°, 18%, 87%
XYZ	62.5699, 67.3504, 53.9465
YIQ	213.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

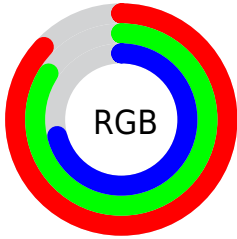
Format	Color
RYB	189, 221, 182
Decimal	14538678
CIELab	85.68, -3.32, 17.05
CIELCh	86, 17.374, 101.023
Yxy	67.3504, 0.3403, 0.3663
Android (android.graphics.Color)	4292728758 (0xFFDDD7B6)
YUV	213.0320, -15.2988, 6.9879
Hunter-Lab	82.0673, -7.5255, 18.4731

Details

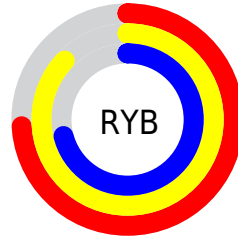
The Yxy color **67.3504, 0.3403, 0.3663** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.1426, 0.2842, 0.2887**, and the grayscale version is **66.6633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **34.8336, 0.3473, 0.3750** is the 20% darker color. If you saturate the color by 10%, you get **64.7865, 0.3570, 0.3881**, and if you desaturate by 10%, it is **70.1010, 0.3243, 0.3449**.

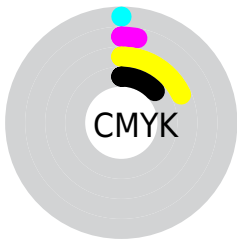
Distribution



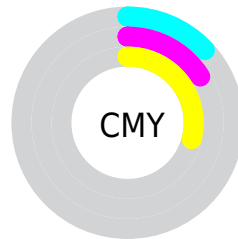
- Red (87%)
- Green (84%)
- Blue (71%)



- Red (74%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (13%)




- Cyan (13%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3504, 0.3403, 0.3663 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 67.3504, 0.3403, 0.3663 by changing the saturation by 10% instead.


 67.3504, 0.3403,
0.3663

 67.3504, 0.3403,
0.3663


451.1910, 0.3274,
0.3487

 49.3694, 0.3433,
0.3704


 115.4224, 0.3358,
0.3601

 34.9126, 0.3469,
0.3755


146.2821, 0.3341,
0.3577

 23.5956, 0.3515,
0.3820


182.2037, 0.3326,
0.3557

 15.0339, 0.3576,
0.3907

223.5713, 0.3313,
0.3539

 8.8432, 0.3657,
0.4025

270.7695, 0.3302,
0.3524

 4.6390, 0.3773,
0.4199

324.1825, 0.3291,

 2.0371, 0.3967,

0.3510

0.4494

384.1949, 0.3282,
0.3498

0.6289, 0.4510,
0.5490

0.0000, 0.0000,
0.0000

67.3504, 0.3403,
0.3663

67.3504, 0.3403,
0.3663

64.7865, 0.3570,
0.3881

70.1010, 0.3243,
0.3449

62.3933, 0.3740,
0.4094

73.0357, 0.3093,
0.3243

60.1664, 0.3908,
0.4296

76.1638, 0.2955,
0.3049

58.0974, 0.4067,
0.4476

78.4594, 0.2916,
0.3017

■ 56.1774, 0.4210,
0.4623

■ 80.3678, 0.2917,
0.3053

■ 54.3961, 0.4329,
0.4730

■ 82.3136, 0.2918,
0.3089

■ 52.7416, 0.4422,
0.4791

■ 84.2972, 0.2919,
0.3125

■ 51.1973, 0.4486,
0.4808

■ 86.3187, 0.2920,
0.3160

■ 50.8474, 0.4499,
0.4810

■ 88.3782, 0.2921,
0.3196

Harmonies

Analogous

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



67.3504, 0.3530, 0.3574



67.3504, 0.3403, 0.3663



67.3504, 0.3204, 0.3649

Triad

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



67.3504, 0.3403, 0.3663



67.3504, 0.2726, 0.3142



67.3504, 0.3257, 0.3068

Complementary

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



67.3504, 0.3403, 0.3663



51.1426, 0.2842, 0.2887

Split Complementary

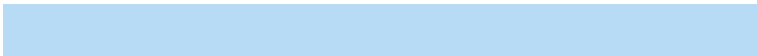
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.3504, 0.3039, 0.2960



67.3504, 0.3403, 0.3663



67.3504, 0.2738, 0.2995

Square

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



67.3504, 0.3403, 0.3663



67.3504, 0.2817, 0.3338



67.3504, 0.2851, 0.2932



67.3504, 0.3445, 0.3232

Rectangle

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



67.3504, 0.3403, 0.3663



67.3504, 0.3060, 0.3579



67.3504, 0.2851, 0.2932



67.3504, 0.3184, 0.3025

Sweetspot

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



67.3534, 0.3403, 0.3663



97.9533, 0.3203, 0.3394



52.4783, 0.3412, 0.3215



20.9056, 0.3214, 0.3409



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.



67.3534, 0.3403, 0.3663



91.8440, 0.3461, 0.3739



68.5235, 0.3294, 0.3742



14.9026, 0.3271, 0.3486



29.6619, 0.4494, 0.4814



2.0162, 0.4437, 0.4859

Inverse Universe

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



51.1426, 0.2842, 0.2887



65.6637, 0.2779, 0.2797



50.2726, 0.2938, 0.2825



12.9409, 0.2981, 0.3086



3.8090, 0.1538, 0.0735



0.3507, 0.1609, 0.0993

Previews

White Background



This preview shows how the Yxy color 67.3504, 0.3403, 0.3663 looks on a white background.

Color Contrast Check

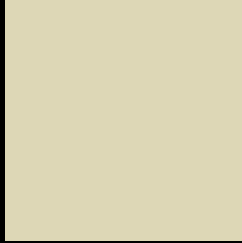
Large Text (above 18pt) WCAG AA × Fail

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 67.3504, 0.3403, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

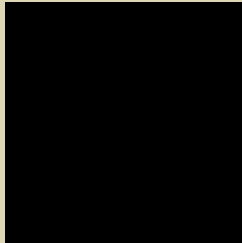
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

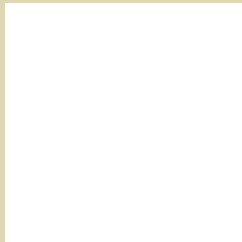
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3504, 0.3403, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 67.3504, 0.3403, 0.3663.



This preview shows how white text looks on a background with the Yxy color 67.3504, 0.3403, 0.3663.

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

67.3504, 0.3403, 0.3663

Protanopia

67.4369, 0.3443, 0.3660

Deuteranopia

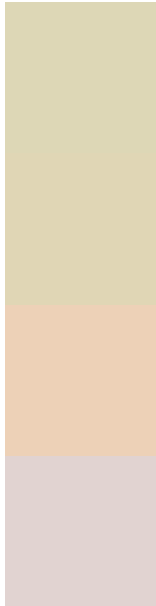
67.1961, 0.3606, 0.3525



Tritanopia

67.3681, 0.3150, 0.3118

Trichromacy



Original Color

67.3504, 0.3403, 0.3663

Protanomaly

67.2766, 0.3435, 0.3661

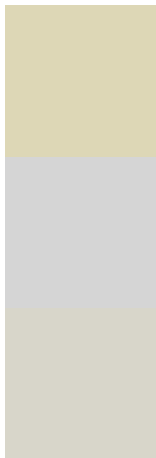
Deuteranomaly

67.0244, 0.3534, 0.3574

Tritanomaly

67.1995, 0.3246, 0.3312

Monochromacy



Original Color

67.3504, 0.3403, 0.3663

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.9563, 0.3224, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3504, 0.3403, 0.3663 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(221, 215, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 215, 182)  
}
```

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(221, 215, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 215, 182) }
```

Border

The CSS property to change the border of an element to Yxy 67.3504, 0.3403, 0.3663 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(221, 215, 182) }
```

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

```
.border{ border-color:rgb(221, 215, 182) }
```

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

Here you see how a box with a 4 pixel rgb(221, 215, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 215, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 215, 182);  
box-shadow:4px 4px 4px 4px rgb(221, 215,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3504, 0.3403, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 215, 182) }
```

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

```
.background{ background-color: rgb(221,  
215, 182) }
```

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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