

Converting Colors

Yxy(65.4884, 0.3394, 0.3587)

Have a look what the booklet for
Yxy(65.4884, 0.3394, 0.3587)
contains.

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Color

Yxy(65.4635, 0.3388, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	DDD3B9
RGB	221, 211, 185
RGB Percent	87%, 83%, 73%
CMY	0.1334, 0.1725, 0.2745
CMYK	0.00, 0.05, 0.16, 0.13
HSL	43°, 35%, 80%
HSV	43°, 16%, 87%
XYZ	61.8662, 65.4635, 55.2742
YIQ	211.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

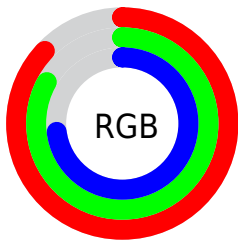
Format	Color
RYB	199, 221, 185
Decimal	14537657
CIELab	84.72, -0.83, 14.11
CIELCh	85, 14.138, 93.353
Yxy	65.4635, 0.3388, 0.3585
Android (android.graphics.Color)	4292727737 (0xFFDDD3B9)
YUV	211.0260, -12.8308, 8.7472
Hunter-Lab	80.9095, -5.1044, 16.1321

Details

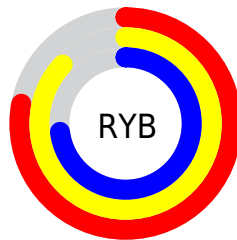
The Yxy color **65.4635, 0.3388, 0.3585** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.5531, 0.2868, 0.2977**, and the grayscale version is **65.2391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **33.8869, 0.3453, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **61.6186, 0.3566, 0.3774**, and if you desaturate by 10%, it is **69.5752, 0.3223, 0.3401**.

Distribution



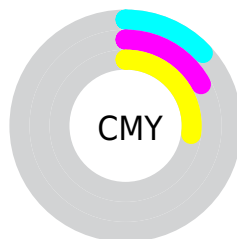
- Red (87%)
- Green (83%)
- Blue (73%)



- Red (78%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (13%)





- Cyan (13%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4635, 0.3388, 0.3585 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 65.4635, 0.3388, 0.3585 by changing the saturation by 10% instead.

 65.4635, 0.3388,
0.3585

 65.4635, 0.3388,
0.3585


444.4557, 0.3265,
0.3446

 47.8370, 0.3417,
0.3617


 112.7160, 0.3345,
0.3536

 33.6978, 0.3452,
0.3658


143.1107, 0.3328,
0.3517

 22.6616, 0.3497,
0.3710


178.5304, 0.3314,
0.3501

 14.3438, 0.3557,
0.3778

219.3593, 0.3302,
0.3487

 8.3602, 0.3640,
0.3873

265.9819, 0.3291,
0.3475

 4.3263, 0.3760,
0.4012

318.7826, 0.3281,

 1.8577, 0.3958,

0.3464

0.4243

378.1457, 0.3273,
0.3454

■ 0.5228, 0.4769,
0.5231

■ 0.0000, 0.0000,
0.0000

■ 65.4635, 0.3388,
0.3585

■ 65.4635, 0.3388,
0.3585

■ 61.6186, 0.3566,
0.3774

■ 69.5752, 0.3223,
0.3401

■ 58.0240, 0.3755,
0.3963

■ 73.9525, 0.3073,
0.3226

■ 54.6739, 0.3949,
0.4143

■ 78.6055, 0.2937,
0.3062

■ 51.5592, 0.4144,
0.4306

■ 82.2988, 0.2917,
0.3089

■ 48.6698, 0.4331,
0.4441

■ 85.8768, 0.2919,
0.3153

■ 45.9947, 0.4500,
0.4536

■ 89.5768, 0.2921,
0.3216

■ 43.5209, 0.4644,
0.4585

■ 93.4000, 0.2923,
0.3278

■ 41.2326, 0.4756,
0.4584

■ 94.1096, 0.2923,
0.3289

■ 40.4196, 0.4793,
0.4576

Harmonies

Analogous

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



65.4635, 0.3470, 0.3496



65.4635, 0.3388, 0.3585



65.4635, 0.3236, 0.3595

Triad

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



65.4635, 0.3388, 0.3585



65.4635, 0.2807, 0.3209



65.4635, 0.3189, 0.3078

Complementary

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



65.4635, 0.3388, 0.3585



54.5531, 0.2868, 0.2977

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.



65.4635, 0.3011, 0.3004



65.4635, 0.3388, 0.3585



65.4635, 0.2795, 0.3073

Square

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



65.4635, 0.3388, 0.3585



65.4635, 0.2903, 0.3372



65.4635, 0.2869, 0.3001



65.4635, 0.3354, 0.3206

Rectangle

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



65.4635, 0.3388, 0.3585



65.4635, 0.3118, 0.3552



65.4635, 0.2869, 0.3001



65.4635, 0.3129, 0.3047

Sweetspot

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



65.4664, 0.3388, 0.3585



96.9718, 0.3204, 0.3379



54.0174, 0.3351, 0.3173



20.6665, 0.3215, 0.3392



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.



65.4664, 0.3388, 0.3585



88.4502, 0.3456, 0.3658



69.3813, 0.3312, 0.3700



14.6219, 0.3274, 0.3458



23.6834, 0.4782, 0.4585



1.6762, 0.4664, 0.4679

Inverse Universe

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



54.5531, 0.2868, 0.2977



70.2703, 0.2802, 0.2893



51.2293, 0.2922, 0.2860



13.2017, 0.2981, 0.3116



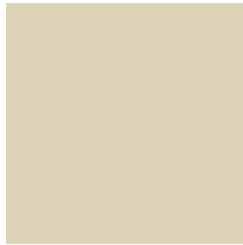
5.1514, 0.1598, 0.0953



0.4773, 0.1688, 0.1275

Previews

White Background



This preview shows how the Yxy color 65.4635, 0.3388, 0.3585 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 65.4635, 0.3388, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

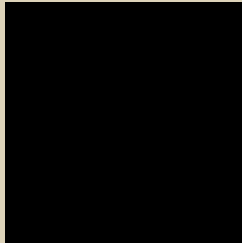
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

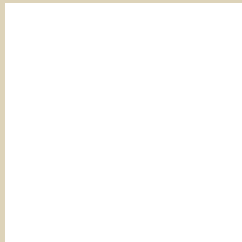
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4635, 0.3388, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 65.4635, 0.3388, 0.3585.



This preview shows how white text looks on a background with the Yxy color 65.4635, 0.3388, 0.3585.

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

65.4635, 0.3388, 0.3585

Protanopia

65.4635, 0.3388, 0.3585

Deuteranopia

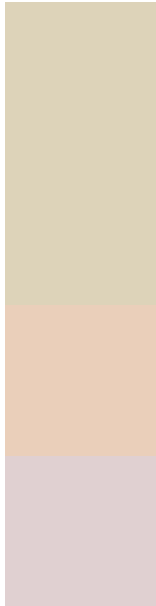
65.4317, 0.3555, 0.3485



Tritanopia

65.5853, 0.3165, 0.3116

Trichromacy



Original Color

65.4635, 0.3388, 0.3585

Protanomaly

65.4635, 0.3388, 0.3585

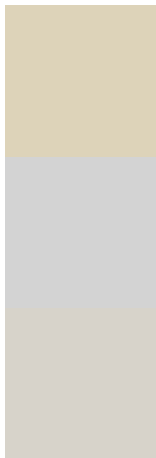
Deuteranomaly

65.6632, 0.3492, 0.3521

Tritanomaly

65.5625, 0.3241, 0.3279

Monochromacy



Original Color

65.4635, 0.3388, 0.3585

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2999, 0.3220, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4635, 0.3388, 0.3585 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, 211, 185)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 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(221, 211, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 185) }
```

Border

The CSS property to change the border of an element to Yxy 65.4635, 0.3388, 0.3585 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, 211, 185) }
```

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

```
.border{ border-color:rgb(221, 211, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 211, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 185);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4635, 0.3388, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 185) }
```

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

```
.background{ background-color: rgb(221,  
211, 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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