

Converting Colors

$Yxy(65.2839, 0.3406, 0.3573)$

Have a look what the booklet for
Yxy(65.2839, 0.3406, 0.3573)
contains.

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Color

Yxy(65.2839, 0.3406, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	DFD2B9
RGB	223, 210, 185
RGB Percent	87%, 82%, 73%
CMY	0.1255, 0.1764, 0.2747
CMYK	0.00, 0.06, 0.17, 0.13
HSL	40°, 37%, 80%
HSV	40°, 17%, 87%
XYZ	62.2326, 65.2839, 55.1981
YIQ	211.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

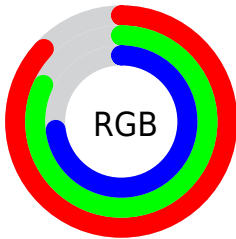
Format	Color
RYB	205, 223, 185
Decimal	14668473
CIELab	84.63, 0.42, 14.03
CIELCh	85, 14.034, 88.268
Yxy	65.2839, 0.3406, 0.3573
Android (android.graphics.Color)	4292858553 (0xFFDFD2B9)
YUV	211.0370, -12.8362, 10.4916
Hunter-Lab	80.7985, -3.9131, 16.0545

Details

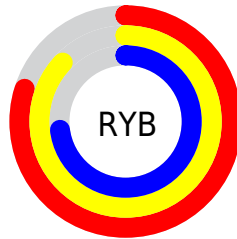
The Yxy color **65.2839, 0.3406, 0.3573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0072, 0.2856, 0.2990**, and the grayscale version is **65.2460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **33.7677, 0.3477, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **60.7446, 0.3592, 0.3747**, and if you desaturate by 10%, it is **70.1559, 0.3237, 0.3404**.

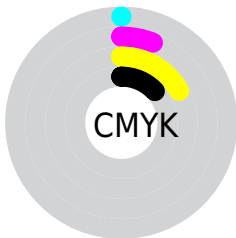
Distribution



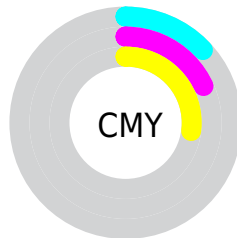
- Red (87%)
- Green (82%)
- Blue (73%)



- Red (80%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2839, 0.3406, 0.3573 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 65.2839, 0.3406, 0.3573 by changing the saturation by 10% instead.


 65.2839, 0.3406,
0.3573

 65.2839, 0.3406,
0.3573


443.8115, 0.3274,
0.3440

 47.6913, 0.3437,
0.3604


 112.4579, 0.3360,
0.3526

 33.5825, 0.3475,
0.3643

142.8082, 0.3342,
0.3508

 22.5731, 0.3524,
0.3692


178.1797, 0.3327,
0.3493

 14.2786, 0.3588,
0.3757

218.9570, 0.3314,
0.3479

 8.3147, 0.3677,
0.3846

265.5245, 0.3302,
0.3468

 4.2970, 0.3808,
0.3977

318.2664, 0.3292,

 1.8410, 0.4024,

0.3457

0.4193

377.5673, 0.3283,
0.3448

0.5125, 0.4926,
0.5074

0.0000, 0.0000,
0.0000

65.2839, 0.3406,
0.3573

65.2839, 0.3406,
0.3573

60.7446, 0.3592,
0.3747

70.1559, 0.3237,
0.3404

56.5198, 0.3791,
0.3921

75.3607, 0.3084,
0.3244

52.6027, 0.4002,
0.4087

80.9095, 0.2947,
0.3094

48.9825, 0.4217,
0.4236

85.5140, 0.2931,
0.3141

■ 45.6476, 0.4427,
0.4356

■ 90.1066, 0.2933,
0.3220

■ 42.5852, 0.4622,
0.4437

■ 94.4288, 0.2935,
0.3289

■ 39.7807, 0.4792,
0.4469

■ 37.2155, 0.4929,
0.4450

■ 36.4986, 0.4966,
0.4439

Harmonies

Analogous

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



65.2839, 0.3473, 0.3473



65.2839, 0.3406, 0.3573



65.2839, 0.3264, 0.3597

Triad

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



65.2839, 0.3406, 0.3573



65.2839, 0.2820, 0.3236



65.2839, 0.3158, 0.3063

Complementary

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



65.2839, 0.3406, 0.3573



56.0072, 0.2856, 0.2990

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.



65.2839, 0.2984, 0.3000



65.2839, 0.3406, 0.3573



65.2839, 0.2793, 0.3094

Square

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



65.2839, 0.3406, 0.3573



65.2839, 0.2927, 0.3399



65.2839, 0.2852, 0.3010



65.2839, 0.3328, 0.3182

Rectangle

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



65.2839, 0.3406, 0.3573



65.2839, 0.3148, 0.3564



65.2839, 0.2852, 0.3010



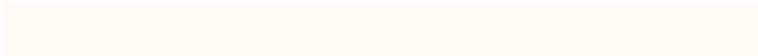
65.2839, 0.3098, 0.3035

Sweetspot

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



65.2868, 0.3406, 0.3573



96.4579, 0.3204, 0.3371



54.4608, 0.3343, 0.3139



20.5414, 0.3216, 0.3383



0.0000, 0.0000, 0.0000



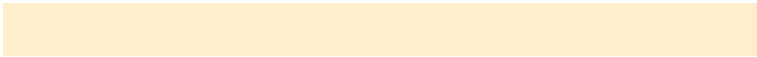
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2868, 0.3406, 0.3573



86.5219, 0.3462, 0.3626



71.0766, 0.3340, 0.3718



15.1997, 0.3276, 0.3444



21.6774, 0.4952, 0.4450



1.6669, 0.4805, 0.4567

Inverse Universe

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



56.0072, 0.2856, 0.2990



71.9946, 0.2804, 0.2929



51.0434, 0.2892, 0.2835



14.0050, 0.2981, 0.3131



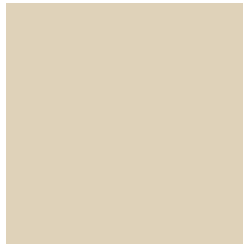
6.3763, 0.1641, 0.1107



0.6043, 0.1727, 0.1417

Previews

White Background



This preview shows how the Yxy color 65.2839, 0.3406, 0.3573 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 65.2839, 0.3406, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

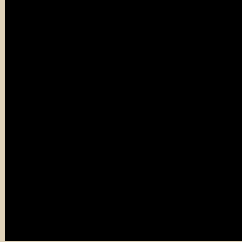
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

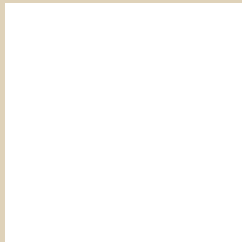
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2839, 0.3406, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 65.2839, 0.3406, 0.3573.

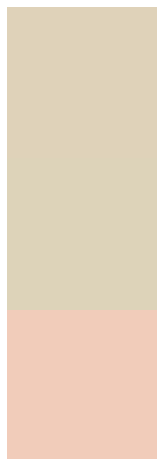


This preview shows how white text looks on a background with the Yxy color 65.2839, 0.3406, 0.3573.

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

65.2839, 0.3406, 0.3573

Protanopia

65.4635, 0.3388, 0.3585

Deuteranopia

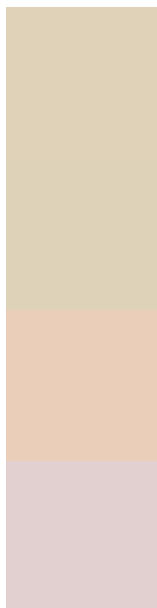
65.4317, 0.3555, 0.3485



Tritanopia

65.3771, 0.3188, 0.3117

Trichromacy



Original Color

65.2839, 0.3406, 0.3573

Protanomaly

65.6209, 0.3396, 0.3584

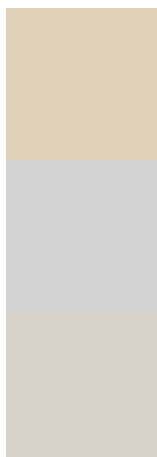
Deuteranomaly

65.1802, 0.3494, 0.3511

Tritanomaly

65.3485, 0.3265, 0.3279

Monochromacy



Original Color

65.2839, 0.3406, 0.3573

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 65.2839, 0.3406, 0.3573 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(223, 210, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 210, 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(223, 210, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 210, 185) }
```

Border

The CSS property to change the border of an element to Yxy 65.2839, 0.3406, 0.3573 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(223, 210, 185) }
```

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

```
.border{ border-color:rgb(223, 210, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 210, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 210, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 210, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 210,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2839, 0.3406, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 210, 185) }
```

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

```
.background{ background-color: rgb(223,  
210, 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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