

Converting Colors

$Yxy(65.3796, 0.3403, 0.3608)$

Have a look what the booklet for
Yxy(65.3796, 0.3403, 0.3608)
contains.

Yxy(65.3796, 0.3403, 0.3608)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.3796, 0.3403, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	DDD3B7
RGB	221, 211, 183
RGB Percent	87%, 83%, 72%
CMY	0.1332, 0.1726, 0.2824
CMYK	0.00, 0.05, 0.17, 0.13
HSL	44°, 36%, 79%
HSV	44°, 17%, 87%
XYZ	61.6648, 65.3796, 54.1629
YIQ	210.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

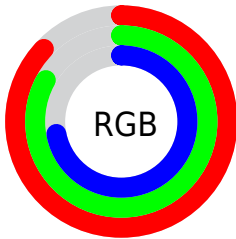
Format	Color
RYB	197, 221, 183
Decimal	14537655
CIELab	84.68, -1.11, 15.12
CIELCh	85, 15.156, 94.208
Yxy	65.3796, 0.3403, 0.3608
Android (android.graphics.Color)	4292727735 (0xFFDDD3B7)
YUV	210.7980, -13.7044, 8.9472
Hunter-Lab	80.8577, -5.3706, 16.8847

Details

The Yxy color **65.3796, 0.3403, 0.3608** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.4350, 0.2852, 0.2951**, and the grayscale version is **65.0890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **33.8326, 0.3472, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **61.6905, 0.3581, 0.3800**, and if you desaturate by 10%, it is **69.3239, 0.3238, 0.3420**.

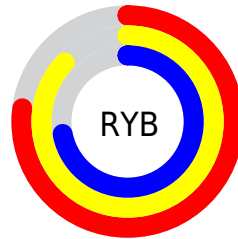
Distribution



Red (87%)

Green (83%)

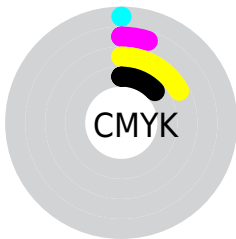
Blue (72%)



Red (77%)

Yellow (87%)

Blue (72%)

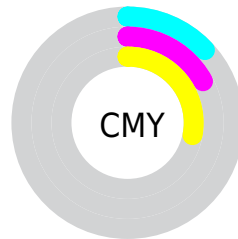


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (13%)



Cyan (13%)


Magenta (17%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3796, 0.3403, 0.3608 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 65.3796, 0.3403, 0.3608 by changing the saturation by 10% instead.

 65.3796, 0.3403,
0.3608

 65.3796, 0.3403,
0.3608


444.1548, 0.3273,
0.3458

 47.7690, 0.3433,
0.3643


 112.5954, 0.3358,
0.3555

 33.6440, 0.3471,
0.3687

142.9694, 0.3340,
0.3535

 22.6202, 0.3518,
0.3743


178.3666, 0.3325,
0.3517

 14.3133, 0.3581,
0.3817

219.1714, 0.3312,
0.3502

 8.3389, 0.3668,
0.3919

265.7683, 0.3300,
0.3489

 4.3126, 0.3793,
0.4068

318.5415, 0.3290,

 1.8499, 0.4008,

0.3477

377.8756, 0.3281,
0.3467

0.4325

0.5180, 0.4731,
0.5269

0.0000, 0.0000,
0.0000

65.3796, 0.3403,
0.3608

65.3796, 0.3403,
0.3608

61.6905, 0.3581,
0.3800

69.3239, 0.3238,
0.3420

58.2402, 0.3768,
0.3992

73.5222, 0.3086,
0.3241

55.0231, 0.3960,
0.4174

77.9843, 0.2949,
0.3073

52.0303, 0.4150,
0.4337

81.6151, 0.2917,
0.3077

■ 49.2517, 0.4331,
0.4471

■ 84.9931, 0.2919,
0.3137

■ 46.6763, 0.4492,
0.4564

■ 88.4814, 0.2921,
0.3197

■ 44.2912, 0.4627,
0.4610

■ 92.0808, 0.2922,
0.3257

■ 42.0797, 0.4732,
0.4609

■ 94.1161, 0.2923,
0.3289

■ 41.4859, 0.4759,
0.4604

Harmonies

Analogous

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



65.3796, 0.3494, 0.3514



65.3796, 0.3403, 0.3608



65.3796, 0.3239, 0.3616

Triad

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



65.3796, 0.3403, 0.3608



65.3796, 0.2783, 0.3197



65.3796, 0.3199, 0.3067

Complementary

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



65.3796, 0.3403, 0.3608



53.4350, 0.2852, 0.2951

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.



65.3796, 0.3008, 0.2985



65.3796, 0.3403, 0.3608



65.3796, 0.2773, 0.3054

Square

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



65.3796, 0.3403, 0.3608



65.3796, 0.2883, 0.3373



65.3796, 0.2854, 0.2979



65.3796, 0.3374, 0.3204

Rectangle

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



65.3796, 0.3403, 0.3608



65.3796, 0.3112, 0.3568



65.3796, 0.2854, 0.2979



65.3796, 0.3134, 0.3032

Sweetspot

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



65.3825, 0.3403, 0.3608



97.0801, 0.3204, 0.3381



53.0952, 0.3371, 0.3174



20.6929, 0.3215, 0.3393



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.



65.3825, 0.3403, 0.3608



88.3402, 0.3472, 0.3684



69.1640, 0.3318, 0.3725



14.6528, 0.3273, 0.3461



24.2877, 0.4748, 0.4612



1.7112, 0.4638, 0.4700

Inverse Universe

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



53.4350, 0.2852, 0.2951



68.5896, 0.2784, 0.2862



50.2735, 0.2914, 0.2834



13.1726, 0.2981, 0.3113



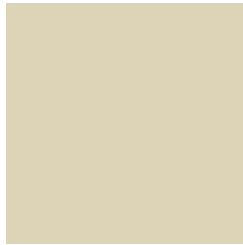
4.9640, 0.1590, 0.0923



0.4618, 0.1679, 0.1243

Previews

White Background



This preview shows how the Yxy color 65.3796, 0.3403, 0.3608 looks on a white background.

Color Contrast Check

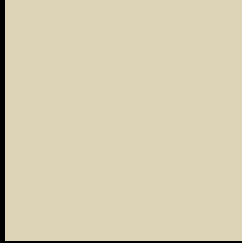
Large Text (above 18pt) WCAG AA × Fail

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 65.3796, 0.3403, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

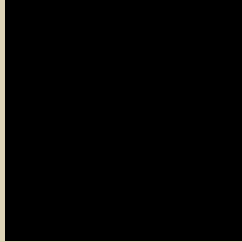
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

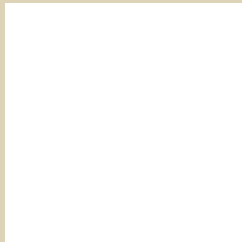
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3796, 0.3403, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 65.3796, 0.3403, 0.3608.

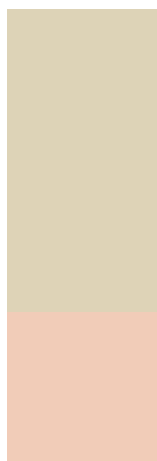


This preview shows how white text looks on a background with the Yxy color 65.3796, 0.3403, 0.3608.

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

65.3796, 0.3403, 0.3608

Protanopia

65.5370, 0.3411, 0.3607

Deuteranopia

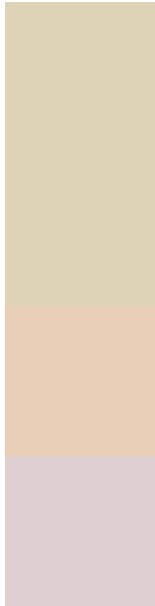
65.3472, 0.3570, 0.3507



Tritanopia

65.1053, 0.3166, 0.3105

Trichromacy



Original Color

65.3796, 0.3403, 0.3608

Protanomaly

65.5370, 0.3411, 0.3607

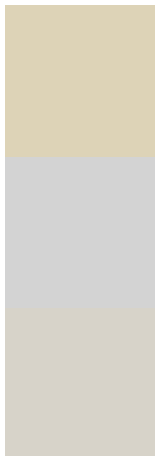
Deuteranomaly

65.5788, 0.3507, 0.3544

Tritanomaly

65.0270, 0.3250, 0.3279

Monochromacy



Original Color

65.3796, 0.3403, 0.3608

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2527, 0.3227, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3796, 0.3403, 0.3608 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 183) }
```

Border

The CSS property to change the border of an element to Yxy 65.3796, 0.3403, 0.3608 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, 183) }
```

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

```
.border{ border-color:rgb(221, 211, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3796, 0.3403, 0.3608 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, 183) }
```

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

```
.background{ background-color: rgb(221,  
211, 183) }
```

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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