

Converting Colors

Yxy(65.1146, 0.3404, 0.3555)

Have a look what the booklet for
Yxy(65.1146, 0.3404, 0.3555)
contains.

Yxy(64.9934, 0.3408, 0.3549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.9934, 0.3408, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	E0D1BA
RGB	224, 209, 186
RGB Percent	88%, 82%, 73%
CMY	0.1215, 0.1804, 0.2705
CMYK	0.00, 0.07, 0.17, 0.12
HSL	36°, 38%, 80%
HSV	36°, 17%, 88%
XYZ	62.4112, 64.9934, 55.7269
YIQ	210.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

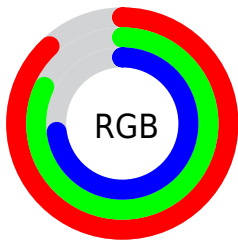
Format	Color
R_{YB}	211, 224, 186
Decimal	14733754
CIE _{Lab}	84.48, 1.48, 13.26
CIE _{LCh}	84, 13.345, 83.617
Yxy	64.9934, 0.3408, 0.3549
Android (android.graphics.Color)	4292923834 (0xFFE0D1BA)
YUV	210.8630, -12.2575, 11.5211
Hunter-Lab	80.6185, -2.8956, 15.4492

Details

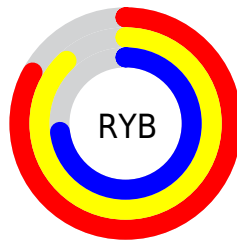
The Yxy color **64.9934, 0.3408, 0.3549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6262, 0.2859, 0.3017**, and the grayscale version is **65.1251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **33.5712, 0.3480, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **59.8892, 0.3599, 0.3710**, and if you desaturate by 10%, it is **70.4946, 0.3236, 0.3394**.

Distribution



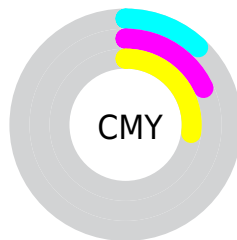
- Red (88%)
- Green (82%)
- Blue (73%)



- Red (83%)
- Yellow (88%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (12%)





- Cyan (12%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9934, 0.3408, 0.3549 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 64.9934, 0.3408, 0.3549 by changing the saturation by 10% instead.


 64.9934, 0.3408,
0.3549

 64.9934, 0.3408,
0.3549

442.7683, 0.3275,
0.3427

 47.4557, 0.3439,
0.3577


 112.0404, 0.3361,
0.3506

 33.3961, 0.3478,
0.3612


142.3185, 0.3343,
0.3490

 22.4300, 0.3527,
0.3657

177.6121, 0.3328,
0.3476

 14.1732, 0.3593,
0.3716

218.3058, 0.3315,
0.3463

 8.2412, 0.3684,
0.3798

264.7839, 0.3303,
0.3453

 4.2497, 0.3818,
0.3916

317.4307, 0.3293,

 1.8142, 0.4039,

0.3443

0.4108

376.6307, 0.3283,
0.3435

0.4960, 0.5058,
0.4942

0.0000, 0.0000,
0.0000

64.9934, 0.3408,
0.3549

64.9934, 0.3408,
0.3549

59.8892, 0.3599,
0.3710

70.4946, 0.3236,
0.3394

55.1624, 0.3808,
0.3871

76.3944, 0.3082,
0.3246

50.8046, 0.4031,
0.4026

82.7056, 0.2946,
0.3109

46.8034, 0.4264,
0.4164

88.0358, 0.2938,
0.3182

■ 43.1455, 0.4496,
0.4274

■ 93.5096, 0.2940,
0.3272

■ 39.8164, 0.4716,
0.4345

■ 94.5907, 0.2941,
0.3289

■ 36.7997, 0.4911,
0.4365

■ 34.0751, 0.5073,
0.4333

■ 33.2954, 0.5119,
0.4318

Harmonies

Analogous

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



64.9934, 0.3458, 0.3446



64.9934, 0.3408, 0.3549



64.9934, 0.3282, 0.3584

Triad

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



64.9934, 0.3408, 0.3549



64.9934, 0.2846, 0.3263



64.9934, 0.3130, 0.3060

Complementary

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



64.9934, 0.3408, 0.3549



57.6262, 0.2859, 0.3017

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.



64.9934, 0.2968, 0.3010



64.9934, 0.3408, 0.3549



64.9934, 0.2807, 0.3122

Square

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



64.9934, 0.3408, 0.3549



64.9934, 0.2958, 0.3417



64.9934, 0.2851, 0.3031



64.9934, 0.3295, 0.3167

Rectangle

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



64.9934, 0.3408, 0.3549



64.9934, 0.3174, 0.3562



64.9934, 0.2851, 0.3031



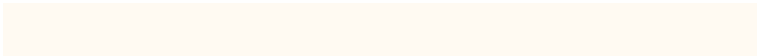
64.9934, 0.3074, 0.3036

Sweetspot

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



64.9963, 0.3408, 0.3549



96.0304, 0.3205, 0.3364



55.2099, 0.3326, 0.3118



20.4374, 0.3216, 0.3375



0.0000, 0.0000, 0.0000



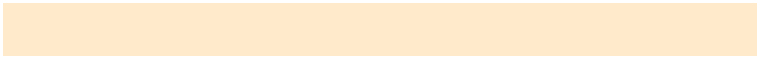
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9963, 0.3408, 0.3549



84.9383, 0.3467, 0.3600



72.1198, 0.3353, 0.3714



15.0721, 0.3277, 0.3432



19.6065, 0.5101, 0.4332



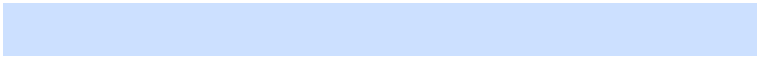
1.5323, 0.4924, 0.4473

Inverse Universe

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



57.6262, 0.2859, 0.3017



73.4608, 0.2806, 0.2959



51.4398, 0.2879, 0.2836



14.1283, 0.2981, 0.3144



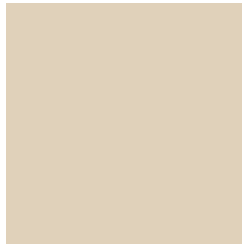
7.4619, 0.1682, 0.1256



0.6884, 0.1768, 0.1563

Previews

White Background



This preview shows how the Yxy color 64.9934, 0.3408, 0.3549 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 64.9934, 0.3408, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

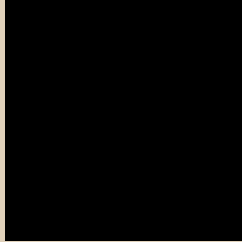
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

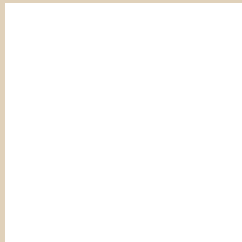
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9934, 0.3408, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 64.9934, 0.3408, 0.3549.



This preview shows how white text looks on a background with the Yxy color 64.9934, 0.3408, 0.3549.

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

64.9934, 0.3408, 0.3549

Protanopia

64.8967, 0.3367, 0.3552

Deuteranopia

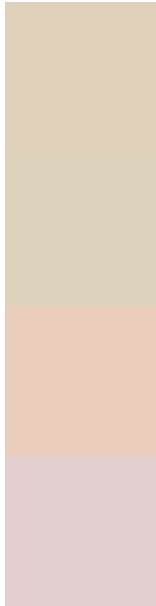
64.8250, 0.3541, 0.3464



Tritanopia

65.0111, 0.3204, 0.3117

Trichromacy



Original Color

64.9934, 0.3408, 0.3549

Protanomaly

65.0532, 0.3375, 0.3551

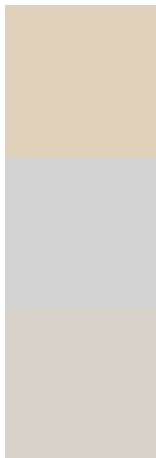
Deuteranomaly

64.7429, 0.3488, 0.3489

Tritanomaly

65.0276, 0.3274, 0.3268

Monochromacy



Original Color

64.9934, 0.3408, 0.3549

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9564, 0.3228, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9934, 0.3408, 0.3549 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(224, 209, 186)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 186)  
}
```

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(224, 209, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 186) }
```

Border

The CSS property to change the border of an element to Yxy 64.9934, 0.3408, 0.3549 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(224, 209, 186) }
```

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

```
.border{ border-color:rgb(224, 209, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 209, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 186);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9934, 0.3408, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 186) }
```

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

```
.background{ background-color: rgb(224,  
209, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor