

Converting Colors

Yxy(61.9297, 0.3409, 0.3491)

Have a look what the booklet for
Yxy(61.9297, 0.3409, 0.3491)
contains.

Yxy(61.7866, 0.3403, 0.3484)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.7866, 0.3403, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	DECBBA
RGB	222, 203, 186
RGB Percent	87%, 80%, 73%
CMY	0.1293, 0.2039, 0.2705
CMYK	0.00, 0.09, 0.16, 0.13
HSL	28°, 35%, 80%
HSV	28°, 16%, 87%
XYZ	60.3501, 61.7866, 55.2071
YIQ	206.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

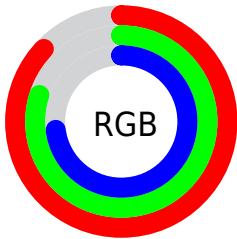
Format	Color
R _Y B	222, 218, 186
Decimal	14601146
CIE Lab	82.80, 3.89, 10.86
CIE LCh	83, 11.539, 70.302
Yxy	61.7866, 0.3403, 0.3484
Android (android.graphics.Color)	4292791226 (0xFFDECBBA)
YUV	206.7430, -10.2263, 13.3804
Hunter-Lab	78.6045, -0.5109, 13.3813

Details

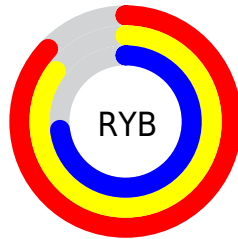
The Yxy color **61.7866, 0.3403, 0.3484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4012, 0.2874, 0.3088**, and the grayscale version is **62.2857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **31.4038, 0.3476, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **55.5833, 0.3606, 0.3611**, and if you desaturate by 10%, it is **68.5616, 0.3226, 0.3362**.

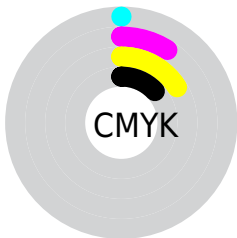
Distribution



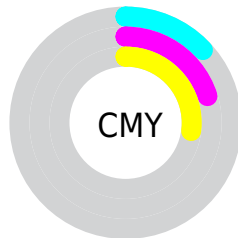
- Red (87%)
- Green (80%)
- Blue (73%)



- Red (87%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (13%)




- Cyan (13%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7866, 0.3403, 0.3484 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 61.7866, 0.3403, 0.3484 by changing the saturation by 10% instead.

 61.7866, 0.3403,
0.3484

 61.7866, 0.3403,
0.3484


431.1523, 0.3271,
0.3393

 44.8603, 0.3434,
0.3505

 107.4170, 0.3356,
0.3452

 31.3474, 0.3473,
0.3532


136.8900, 0.3338,
0.3440

 20.8635, 0.3524,
0.3566


171.3139, 0.3323,
0.3429

 13.0243, 0.3592,
0.3610

211.0732, 0.3310,
0.3420

 7.4453, 0.3687,
0.3672

256.5523, 0.3298,
0.3412

 3.7421, 0.3831,
0.3762

308.1356, 0.3288,

 1.5304, 0.4082,

0.3405

0.3915

366.2074, 0.3279,
0.3398

0.3100, 0.5569,
0.4431

0.0000, 0.0000,
0.0000

61.7866, 0.3403,
0.3484

61.7866, 0.3403,
0.3484

55.5833, 0.3606,
0.3611

68.5616, 0.3226,
0.3362

49.9275, 0.3836,
0.3739

75.9153, 0.3071,
0.3248

44.8050, 0.4091,
0.3863

83.8651, 0.2938,
0.3141

40.1982, 0.4368,
0.3973

91.0814, 0.2928,
0.3238

■ 36.0877, 0.4657,
0.4057

■ 94.2738, 0.2929,
0.3289

■ 32.4531, 0.4943,
0.4103

■ 29.2715, 0.5208,
0.4098

■ 26.5166, 0.5431,
0.4039

■ 25.5741, 0.5509,
0.4008

Harmonies

Analogous

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



61.7866, 0.3411, 0.3376



61.7866, 0.3403, 0.3484



61.7866, 0.3319, 0.3544

Triad

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



61.7866, 0.3403, 0.3484



61.7866, 0.2916, 0.3327



61.7866, 0.3064, 0.3060

Complementary

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



61.7866, 0.3403, 0.3484



59.4012, 0.2874, 0.3088

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.



61.7866, 0.2935, 0.3043



61.7866, 0.3403, 0.3484



61.7866, 0.2851, 0.3194

Square

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



61.7866, 0.3403, 0.3484



61.7866, 0.3038, 0.3454



61.7866, 0.2858, 0.3091



61.7866, 0.3213, 0.3135

Rectangle

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



61.7866, 0.3403, 0.3484



61.7866, 0.3233, 0.3545



61.7866, 0.2858, 0.3091



61.7866, 0.3017, 0.3048

Sweetspot

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



61.7894, 0.3403, 0.3484



94.9818, 0.3206, 0.3348



55.0765, 0.3277, 0.3073



20.1826, 0.3218, 0.3357



0.0000, 0.0000, 0.0000



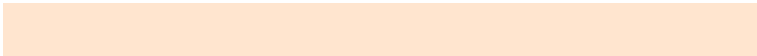
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7894, 0.3403, 0.3484



82.0007, 0.3460, 0.3521



70.7009, 0.3372, 0.3678



14.7610, 0.3280, 0.3401



15.4054, 0.5485, 0.4027



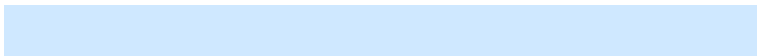
1.2460, 0.5235, 0.4226

Inverse Universe

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



59.4012, 0.2874, 0.3088



78.2210, 0.2827, 0.3048



51.3485, 0.2864, 0.2870



14.4364, 0.2981, 0.3177



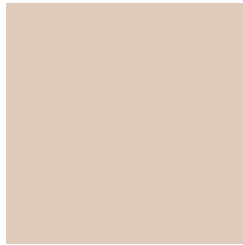
10.9587, 0.1800, 0.1680



0.9385, 0.1874, 0.1947

Previews

White Background



This preview shows how the Yxy color 61.7866, 0.3403, 0.3484 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 61.7866, 0.3403, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

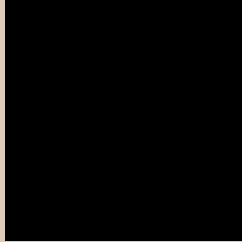
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7866, 0.3403, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 61.7866, 0.3403, 0.3484.



This preview shows how white text looks on a background with the Yxy color 61.7866, 0.3403, 0.3484.

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

61.7866, 0.3403, 0.3484

Protanopia

62.0266, 0.3326, 0.3511

Deuteranopia

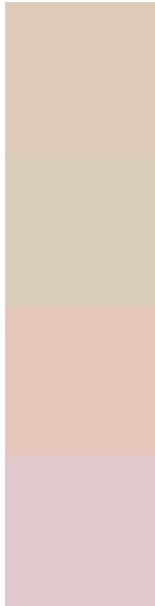
61.7583, 0.3493, 0.3424



Tritanopia

61.8706, 0.3229, 0.3125

Trichromacy



Original Color

61.7866, 0.3403, 0.3484

Protanomaly

62.0022, 0.3352, 0.3498

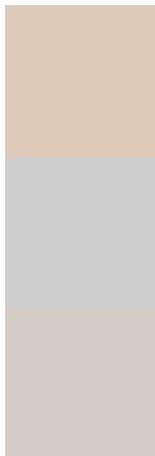
Deuteranomaly

61.5544, 0.3458, 0.3436

Tritanomaly

61.6757, 0.3295, 0.3246

Monochromacy



Original Color

61.7866, 0.3403, 0.3484

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2632, 0.3223, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7866, 0.3403, 0.3484 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(222, 203, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 203, 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(222, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 203, 186) }
```

Border

The CSS property to change the border of an element to Yxy 61.7866, 0.3403, 0.3484 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(222, 203, 186) }
```

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

```
.border{ border-color:rgb(222, 203, 186) }
```

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

Here you see how a box with a 4 pixel rgb(222, 203, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 203, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 203, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 203,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7866, 0.3403, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 203, 186) }
```

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

```
.background{ background-color: rgb(222,  
203, 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