

Converting Colors

$Yxy(44.3137, 0.3530, 0.3316)$

Have a look what the booklet for
Yxy(44.3137, 0.3530, 0.3316)
contains.

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Color

Yxy(44.3137, 0.3530, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	D1A8A6
RGB	209, 168, 166
RGB Percent	82%, 66%, 65%
CMY	0.1805, 0.3411, 0.3490
CMYK	0.00, 0.20, 0.21, 0.18
HSL	3°, 32%, 74%
HSV	3°, 21%, 82%
XYZ	47.1735, 44.3137, 42.1488
YIQ	180.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

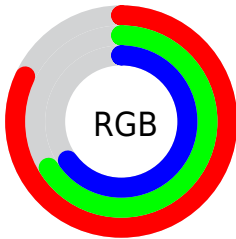
Format	Color
RYB	209, 168, 166
Decimal	13740198
CIELab	72.44, 14.68, 6.72
CIElCh	72, 16.142, 24.597
Yxy	44.3137, 0.3530, 0.3316
Android (android.graphics.Color)	4291930278 (0xFFD1A8A6)
YUV	180.0310, -6.9173, 25.4058
Hunter-Lab	66.5685, 9.9983, 9.0577

Details

The Yxy color $44.3137, 0.3530, 0.3316$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $57.3164, 0.2821, 0.3264$, and the grayscale version is $45.6871, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.2558, 0.3370, 0.3311$, and $20.5757, 0.3653, 0.3325$ is the 20% darker color. If you saturate the color by 10%, you get $36.8084, 0.3800, 0.3330$, and if you desaturate by 10%, it is $53.0745, 0.3312, 0.3303$.

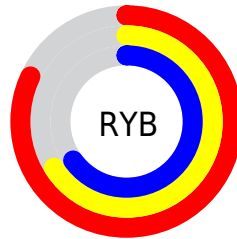
Distribution



Red (82%)

Green (66%)

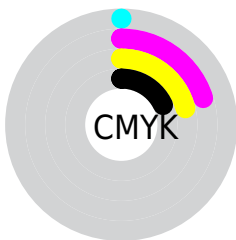
Blue (65%)



Red (82%)

Yellow (66%)

Blue (65%)

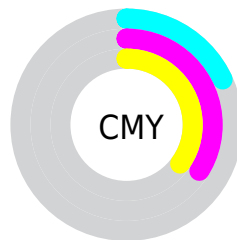


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (18%)



Cyan (18%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3137, 0.3530, 0.3316 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 44.3137, 0.3530, 0.3316 by changing the saturation by 10% instead.


 44.3137, 0.3530,
0.3316

 44.3137, 0.3530,
0.3316


363.9869, 0.3325,
0.3306

 30.9172, 0.3582,
0.3318


 81.6896, 0.3455,
0.3313

 20.5358, 0.3650,
0.3319


 106.4377, 0.3427,
0.3312

 12.7851, 0.3740,
0.3320


135.7386, 0.3403,
0.3310

 7.2807, 0.3869,
0.3320

169.9765, 0.3383,
0.3309

 3.6383, 0.4065,
0.3315

209.5359, 0.3366,
0.3308

 1.4734, 0.4398,
0.3296

254.8012, 0.3351,

 0.2699, 0.6949,

0.3307

0.3051

306.1567, 0.3337,
0.3307

0.0000, 0.0000,
0.0000

44.3137, 0.3530,
0.3316

44.3137, 0.3530,
0.3316

36.8084, 0.3800,
0.3330

53.0745, 0.3312,
0.3303

30.4953, 0.4131,
0.3343

63.1381, 0.3136,
0.3291

25.3150, 0.4524,
0.3355

74.5569, 0.2994,
0.3280

21.2004, 0.4971,
0.3362

87.3786, 0.2879,
0.3269

18.0773, 0.5439,
0.3363

92.2903, 0.2855,
0.3289

■ 15.8622, 0.5870,
0.3355

■ 14.4577, 0.6195,
0.3337

■ 13.7621, 0.6372,
0.3323

Harmonies

Analogous

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



44.3137, 0.3365, 0.3127



44.3137, 0.3530, 0.3316



44.3137, 0.3583, 0.3505

Triad

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



44.3137, 0.3530, 0.3316



44.3137, 0.3104, 0.3629



44.3137, 0.2754, 0.2933

Complementary

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



44.3137, 0.3530, 0.3316



57.3164, 0.2821, 0.3264

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.



44.3137, 0.2691, 0.3051



44.3137, 0.3530, 0.3316



44.3137, 0.2888, 0.3458

Square

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



44.3137, 0.3530, 0.3316



44.3137, 0.3331, 0.3697



44.3137, 0.2739, 0.3242



44.3137, 0.2915, 0.2910

Rectangle

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



44.3137, 0.3530, 0.3316



44.3137, 0.3547, 0.3609



44.3137, 0.2739, 0.3242



44.3137, 0.2721, 0.2962

Sweetspot

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



44.3157, 0.3530, 0.3316



90.0979, 0.3228, 0.3297



45.3583, 0.3163, 0.2799



19.0639, 0.3240, 0.3298



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.



44.3157, 0.3530, 0.3316



63.7170, 0.3651, 0.3323



52.6650, 0.3480, 0.3569



11.8955, 0.3289, 0.3301



8.5284, 0.6363, 0.3330



0.5087, 0.6243, 0.3425

Inverse Universe

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



57.3164, 0.2821, 0.3264



87.9644, 0.2756, 0.3257



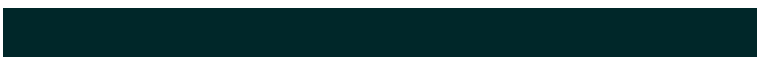
47.8520, 0.2803, 0.2994



13.3085, 0.2983, 0.3279



28.1336, 0.2207, 0.3145



1.6029, 0.2215, 0.3173

Previews

White Background



This preview shows how the Yxy color 44.3137, 0.3530, 0.3316 looks on a white background.

Color Contrast Check

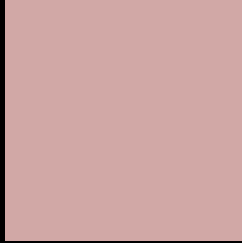
Large Text (above 18pt) WCAG AA × Fail

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 44.3137, 0.3530, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

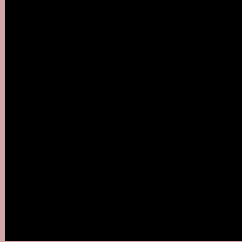
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3137, 0.3530, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 44.3137, 0.3530, 0.3316.



This preview shows how white text looks on a background with the Yxy color 44.3137, 0.3530, 0.3316.

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

44.3137, 0.3530, 0.3316

Protanopia

44.4518, 0.3229, 0.3370

Deuteranopia

44.5010, 0.3445, 0.3380



Tritanopia

44.3760, 0.3433, 0.3133

Trichromacy



Original Color

44.3137, 0.3530, 0.3316

Protanomaly

44.3431, 0.3332, 0.3355

Deuteranomaly

44.5389, 0.3476, 0.3367

Tritanomaly

44.3951, 0.3468, 0.3205

Monochromacy



Original Color

44.3137, 0.3530, 0.3316

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2222, 0.3269, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3137, 0.3530, 0.3316 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(209, 168, 166)` looks like.

```
.text, #text, p{  
    color:rgb(209, 168, 166)  
}
```

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(209, 168, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 168, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.3137, 0.3530, 0.3316 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(209, 168, 166) }
```

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

```
.border{ border-color:rgb(209, 168, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 168, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(209, 168,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3137, 0.3530, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 168, 166) }
```

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

```
.background{ background-color: rgb(209,  
168, 166) }
```

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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