

Converting Colors

$Y_{xy}(44.0430, 0.3421, 0.3110)$

Have a look what the booklet for
Yxy(44.0430, 0.3421, 0.3110)
contains.

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Color

Yxy(44.0544, 0.3426, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	D3A5B4
RGB	211, 165, 180
RGB Percent	83%, 65%, 71%
CMY	0.1725, 0.3530, 0.2941
CMYK	0.00, 0.22, 0.15, 0.17
HSL	340°, 34%, 74%
HSV	340°, 22%, 83%
XYZ	48.5619, 44.0544, 49.1289
YIQ	180.4640, 22.6010, 14.4170

Conversions

Conversions Part 2

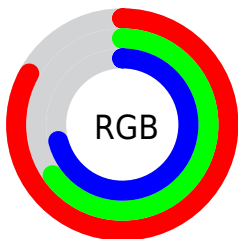
Format	Color
R _Y B	211, 165, 180
Decimal	13870516
CIE Lab	72.26, 19.27, -1.22
CIE LCh	72, 19.306, 356.383
Yxy	44.0544, 0.3426, 0.3108
Android (android.graphics.Color)	4292060596 (0xFFD3A5B4)
YUV	180.4640, -0.2288, 26.7801
Hunter-Lab	66.3735, 14.4452, 2.5757

Details

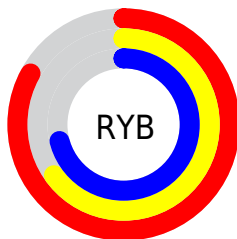
The Yxy color **44.0544, 0.3426, 0.3108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.5826, 0.2898, 0.3480**, and the grayscale version is **45.8983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5025, 0.3270, 0.3132**, and **20.4105, 0.3518, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **36.5119, 0.3613, 0.3019**, and if you desaturate by 10%, it is **52.9163, 0.3273, 0.3194**.

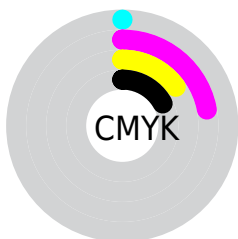
Distribution



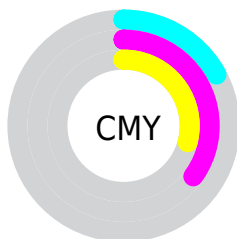
- Red (83%)
- Green (65%)
- Blue (71%)



- Red (83%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (17%)




- Cyan (17%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0544, 0.3426, 0.3108 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 44.0544, 0.3426, 0.3108 by changing the saturation by 10% instead.


 44.0544, 0.3426,
0.3108

 44.0544, 0.3426,
0.3108


362.9302, 0.3275,
0.3199

 30.7133, 0.3464,
0.3085


 81.2996, 0.3371,
0.3141

 20.3806, 0.3513,
0.3056


 105.9725, 0.3350,
0.3154

 12.6720, 0.3579,
0.3016

135.1914, 0.3333,
0.3164

 7.2031, 0.3671,
0.2961

169.3407, 0.3318,
0.3173

 3.5894, 0.3811,
0.2878

208.8048, 0.3305,
0.3181

 1.4467, 0.4046,
0.2740

253.9682, 0.3294,

 0.2507, 0.5379,

0.3188

0.1903

305.2152, 0.3284,
0.3194

0.0000, 0.0000,
0.0000

44.0544, 0.3426,
0.3108

44.0544, 0.3426,
0.3108

36.5119, 0.3613,
0.3019

52.9163, 0.3273,
0.3194

30.2193, 0.3839,
0.2932

63.1505, 0.3147,
0.3276

25.1102, 0.4107,
0.2854

74.8145, 0.3045,
0.3352

21.1092, 0.4415,
0.2793

87.9606, 0.2962,
0.3421

18.1323, 0.4755,
0.2762

92.3430, 0.2886,
0.3329

■ 16.0835, 0.5107,
0.2773

■ 92.5917, 0.2866,
0.3289

■ 14.8478, 0.5443,
0.2832

■ 14.2794, 0.5689,
0.2908

Harmonies

Analogous

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



44.0544, 0.3155, 0.2932



44.0544, 0.3426, 0.3108



44.0544, 0.3619, 0.3332

Triad

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



44.0544, 0.3426, 0.3108



44.0544, 0.3355, 0.3780



44.0544, 0.2609, 0.2990

Complementary

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



44.0544, 0.3426, 0.3108



58.5826, 0.2898, 0.3480

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.



44.0544, 0.2658, 0.3215



44.0544, 0.3426, 0.3108



44.0544, 0.3081, 0.3690

Square

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



44.0544, 0.3426, 0.3108



44.0544, 0.3574, 0.3724



44.0544, 0.2828, 0.3477



44.0544, 0.2691, 0.2858

Rectangle

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



44.0544, 0.3426, 0.3108



44.0544, 0.3673, 0.3485



44.0544, 0.2828, 0.3477



44.0544, 0.2611, 0.3057

Sweetspot

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



44.0564, 0.3426, 0.3108



88.3847, 0.3210, 0.3234



43.3057, 0.3018, 0.2729



18.7145, 0.3218, 0.3229



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.



44.0564, 0.3426, 0.3108



62.1958, 0.3505, 0.3068



46.3277, 0.3547, 0.3385



11.8709, 0.3240, 0.3214



8.6327, 0.5650, 0.2886



0.4972, 0.5126, 0.2598

Inverse Universe

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



44.0564, 0.3426, 0.3108



62.1958, 0.3505, 0.3068



55.5797, 0.2798, 0.3192



11.8709, 0.3240, 0.3214



8.6327, 0.5650, 0.2886



0.4972, 0.5126, 0.2598

Previews

White Background



This preview shows how the Yxy color 44.0544, 0.3426, 0.3108 looks on a white background.

Color Contrast Check

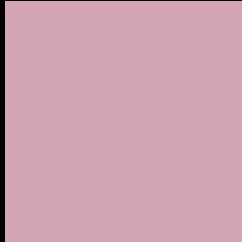
Large Text (above 18pt) WCAG AA × Fail

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 44.0544, 0.3426, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

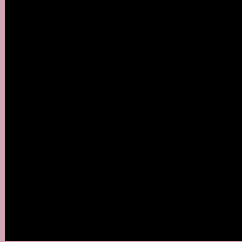
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0544, 0.3426, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 44.0544, 0.3426, 0.3108.



This preview shows how white text looks on a background with the Yxy color 44.0544, 0.3426, 0.3108.

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

44.0544, 0.3426, 0.3108

Protanopia

44.1035, 0.3056, 0.3145

Deuteranopia

44.2291, 0.3267, 0.3201



Tritanopia

43.9735, 0.3444, 0.3132

Trichromacy



Original Color

44.0544, 0.3426, 0.3108

Protanomaly

43.9129, 0.3188, 0.3136

Deuteranomaly

43.9100, 0.3326, 0.3165

Tritanomaly

44.0138, 0.3435, 0.3120

Monochromacy



Original Color

44.0544, 0.3426, 0.3108

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0316, 0.3228, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0544, 0.3426, 0.3108 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(211, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(211, 165, 180)  
}
```

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(211, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 165, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.0544, 0.3426, 0.3108 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(211, 165, 180) }
```

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

```
.border{ border-color:rgb(211, 165, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(211, 165,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0544, 0.3426, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 165, 180) }
```

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

```
.background{ background-color: rgb(211,  
165, 180) }
```

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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