

Converting Colors

$Yxy(45.9452, 0.3398, 0.3130)$

Have a look what the booklet for
Yxy(45.9452, 0.3398, 0.3130)
contains.

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Color

Yxy(46.1654, 0.3399, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	D4AAB7
RGB	212, 170, 183
RGB Percent	83%, 67%, 72%
CMY	0.1687, 0.3333, 0.2824
CMYK	0.00, 0.20, 0.14, 0.17
HSL	341°, 33%, 75%
HSV	341°, 20%, 83%
XYZ	50.0690, 46.1654, 51.0707
YIQ	184.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

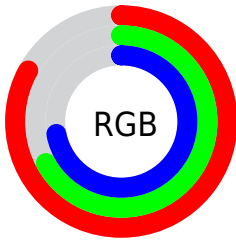
Format	Color
R _Y B	212, 170, 183
Decimal	13937335
CIE Lab	73.65, 17.38, -0.82
CIE LCh	74, 17.398, 357.298
Yxy	46.1654, 0.3399, 0.3134
Android (android.graphics.Color)	4292127415 (0xFFD4AAB7)
YUV	184.0400, -0.5127, 24.5209
Hunter-Lab	67.9451, 12.6333, 2.9965

Details

The Yxy color **46.1654, 0.3399, 0.3134** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.7483, 0.2914, 0.3452**, and the grayscale version is **47.9506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3424, 0.3245, 0.3152**, and **21.7367, 0.3479, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **38.2713, 0.3584, 0.3050**, and if you desaturate by 10%, it is **55.4086, 0.3248, 0.3215**.

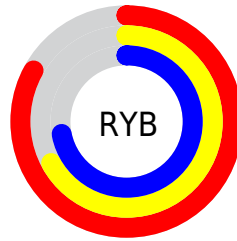
Distribution



Red (83%)

Green (67%)

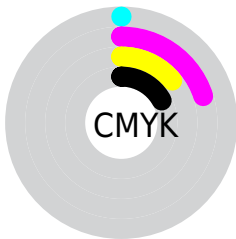
Blue (72%)



Red (83%)

Yellow (67%)

Blue (72%)

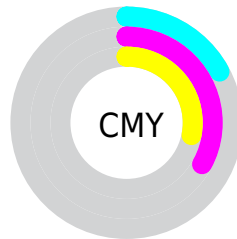


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1654, 0.3399, 0.3134 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 46.1654, 0.3399, 0.3134 by changing the saturation by 10% instead.

 46.1654, 0.3399,
0.3134

 46.1654, 0.3399,
0.3134


371.4732, 0.3263,
0.3212

 32.3764, 0.3433,
0.3115


 84.4665, 0.3350,
0.3162

 21.6491, 0.3477,
0.3090


109.7473, 0.3331,
0.3173

 13.5993, 0.3535,
0.3057


139.6275, 0.3315,
0.3182

 7.8425, 0.3617,
0.3010

174.4915, 0.3302,
0.3190

 3.9943, 0.3739,
0.2942

214.7237, 0.3290,
0.3196

 1.6704, 0.3941,
0.2829

260.7084, 0.3280,

 0.4044, 0.4727,

0.3202

312.8301, 0.3271,
0.3207

0.2364

0.0000, 0.0000,
0.0000

46.1654, 0.3399,
0.3134

46.1654, 0.3399,
0.3134

38.2713, 0.3584,
0.3050

55.4086, 0.3248,
0.3215

31.6567, 0.3807,
0.2967

66.0536, 0.3125,
0.3292

26.2554, 0.4074,
0.2890

78.1580, 0.3025,
0.3362

21.9925, 0.4384,
0.2829

91.7743, 0.2943,
0.3427

18.7851, 0.4729,
0.2795

92.7342, 0.2871,
0.3289

■ 16.5385, 0.5090,
0.2799

■ 15.1409, 0.5439,
0.2850

■ 14.3956, 0.5746,
0.2940

■ 14.3828, 0.5752,
0.2942

Harmonies

Analogous

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



46.1654, 0.3160, 0.2974



46.1654, 0.3399, 0.3134



46.1654, 0.3566, 0.3336

Triad

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



46.1654, 0.3399, 0.3134



46.1654, 0.3323, 0.3722



46.1654, 0.2666, 0.3020

Complementary

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



46.1654, 0.3399, 0.3134



59.7483, 0.2914, 0.3452

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.



46.1654, 0.2706, 0.3218



46.1654, 0.3399, 0.3134



46.1654, 0.3080, 0.3638

Square

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



46.1654, 0.3399, 0.3134



46.1654, 0.3519, 0.3679



46.1654, 0.2855, 0.3449



46.1654, 0.2743, 0.2904

Rectangle

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



46.1654, 0.3399, 0.3134



46.1654, 0.3611, 0.3472



46.1654, 0.2855, 0.3449



46.1654, 0.2666, 0.3079

Sweetspot

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



46.1675, 0.3399, 0.3134



89.9618, 0.3199, 0.3244



45.6068, 0.3036, 0.2784



19.0320, 0.3207, 0.3239



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.



46.1675, 0.3399, 0.3134



64.5454, 0.3477, 0.3097



48.6214, 0.3499, 0.3385



12.4835, 0.3243, 0.3218



8.8969, 0.5715, 0.2922



0.5513, 0.5218, 0.2648

Inverse Universe

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



46.1675, 0.3399, 0.3134



64.5454, 0.3477, 0.3097



56.6223, 0.2827, 0.3193



12.4835, 0.3243, 0.3218



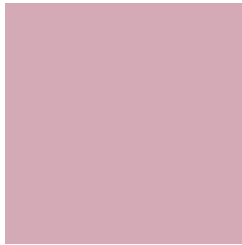
8.8969, 0.5715, 0.2922



0.5513, 0.5218, 0.2648

Previews

White Background



This preview shows how the Yxy color 46.1654, 0.3399, 0.3134 looks on a white background.

Color Contrast Check

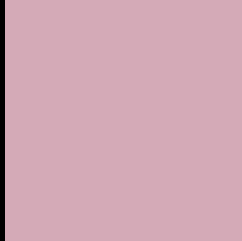
Large Text (above 18pt) WCAG AA × Fail

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 46.1654, 0.3399, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

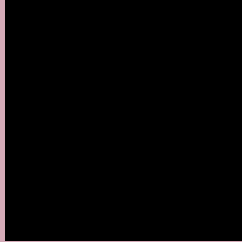
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1654, 0.3399, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 46.1654, 0.3399, 0.3134.



This preview shows how white text looks on a background with the Yxy color 46.1654, 0.3399, 0.3134.

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

46.1654, 0.3399, 0.3134

Protanopia

46.2617, 0.3073, 0.3174

Deuteranopia

46.0431, 0.3273, 0.3203



Tritanopia

46.1654, 0.3399, 0.3134

Trichromacy



Original Color

46.1654, 0.3399, 0.3134

Protanomaly

45.9760, 0.3186, 0.3151

Deuteranomaly

45.9610, 0.3321, 0.3179

Tritanomaly

46.1654, 0.3399, 0.3134

Monochromacy



Original Color

46.1654, 0.3399, 0.3134

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1702, 0.3217, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1654, 0.3399, 0.3134 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(212, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 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(212, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.1654, 0.3399, 0.3134 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(212, 170, 183) }
```

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

```
.border{ border-color:rgb(212, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1654, 0.3399, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 183) }
```

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

```
.background{ background-color: rgb(212,  
170, 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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