

Converting Colors

$Yxy(46.5732, 0.3312, 0.3071)$

Have a look what the booklet for
Yxy(46.5732, 0.3312, 0.3071)
contains.

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Color

Yxy(46.3988, 0.3309, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	D1ABBE
RGB	209, 171, 190
RGB Percent	82%, 67%, 75%
CMY	0.1803, 0.3294, 0.2549
CMYK	0.00, 0.18, 0.09, 0.18
HSL	330°, 29%, 75%
HSV	330°, 18%, 82%
XYZ	50.1580, 46.3988, 55.0237
YIQ	184.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

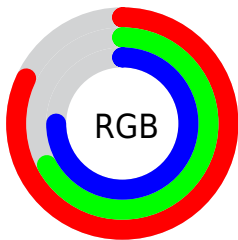
Format	Color
R _Y B	209, 171, 190
Decimal	13740990
CIE Lab	73.80, 16.97, -4.47
CIE LCh	74, 17.547, 345.240
Yxy	46.3988, 0.3309, 0.3061
Android (android.graphics.Color)	4291931070 (0xFFD1ABBE)
YUV	184.5280, 2.6977, 21.4619
Hunter-Lab	68.1167, 12.2351, -0.2120

Details

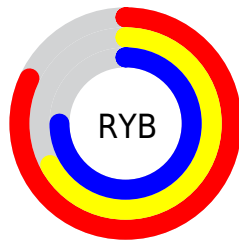
The Yxy color **46.3988, 0.3309, 0.3061** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.9938, 0.2977, 0.3531**, and the grayscale version is **48.2203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3065, 0.3199, 0.3095**, and **21.8698, 0.3352, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **38.6778, 0.3438, 0.2928**, and if you desaturate by 10%, it is **55.4055, 0.3201, 0.3190**.

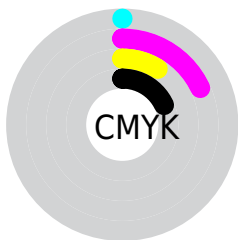
Distribution



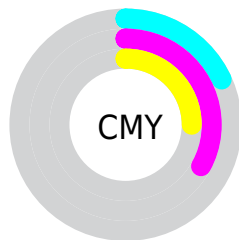
- Red (82%)
- Green (67%)
- Blue (75%)



- Red (82%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3988, 0.3309, 0.3061 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 46.3988, 0.3309, 0.3061 by changing the saturation by 10% instead.


 46.3988, 0.3309,
0.3061

 46.3988, 0.3309,
0.3061

372.4096, 0.3219,
0.3174

 32.5606, 0.3331,
0.3033


 84.8155, 0.3276,
0.3102

 21.7901, 0.3360,
0.2998


110.1629, 0.3264,
0.3117

 13.7027, 0.3397,
0.2952


140.1154, 0.3254,
0.3130

 7.9142, 0.3449,
0.2888

175.0575, 0.3245,
0.3141

 4.0401, 0.3526,
0.2796

215.3736, 0.3237,
0.3151

 1.6960, 0.3651,
0.2647

261.4481, 0.3230,

 0.4211, 0.4059,

0.3159

0.2099

313.6653, 0.3224,
0.3167

0.0000, 0.0000,
0.0000

46.3988, 0.3309,
0.3061

46.3988, 0.3309,
0.3061

38.6778, 0.3438,
0.2928

55.4055, 0.3201,
0.3190

32.1771, 0.3591,
0.2795

65.7471, 0.3112,
0.3311

26.8348, 0.3771,
0.2669

77.4777, 0.3039,
0.3425

22.5810, 0.3977,
0.2558

90.6467, 0.2978,
0.3530

19.3384, 0.4205,
0.2476

91.5094, 0.2922,
0.3422

■ 17.0191, 0.4449,
0.2434

■ 92.1572, 0.2867,
0.3312

■ 15.5202, 0.4696,
0.2443

■ 92.3003, 0.2855,
0.3289

■ 14.6888, 0.4936,
0.2503

■ 14.5682, 0.4979,
0.2516

Harmonies

Analogous

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



46.3988, 0.3060, 0.2927



46.3988, 0.3309, 0.3061



46.3988, 0.3514, 0.3252

Triad

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



46.3988, 0.3309, 0.3061



46.3988, 0.3413, 0.3723



46.3988, 0.2665, 0.3090

Complementary

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



46.3988, 0.3309, 0.3061



57.9938, 0.2977, 0.3531

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.



46.3988, 0.2752, 0.3311



46.3988, 0.3309, 0.3061



46.3988, 0.3179, 0.3690

Square

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



46.3988, 0.3309, 0.3061



46.3988, 0.3574, 0.3633



46.3988, 0.2938, 0.3536



46.3988, 0.2696, 0.2937

Rectangle

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



46.3988, 0.3309, 0.3061



46.3988, 0.3595, 0.3391



46.3988, 0.2938, 0.3536



46.3988, 0.2681, 0.3159

Sweetspot

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



46.4009, 0.3309, 0.3061



91.7290, 0.3172, 0.3229



44.6771, 0.2986, 0.2819



19.3943, 0.3178, 0.3220



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.



46.4009, 0.3309, 0.3061



67.6026, 0.3359, 0.3007



45.6234, 0.3478, 0.3291



11.9053, 0.3213, 0.3174



8.9989, 0.4947, 0.2499



0.5192, 0.4543, 0.2276

Inverse Universe

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



46.4009, 0.3309, 0.3061



67.6026, 0.3359, 0.3007



58.8798, 0.2855, 0.3289



11.9053, 0.3213, 0.3174



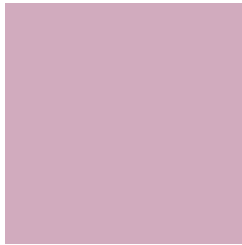
8.9989, 0.4947, 0.2499



0.5192, 0.4543, 0.2276

Previews

White Background



This preview shows how the Yxy color 46.3988, 0.3309, 0.3061 looks on a white background.

Color Contrast Check

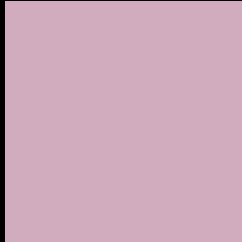
Large Text (above 18pt) WCAG AA × Fail

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 46.3988, 0.3309, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

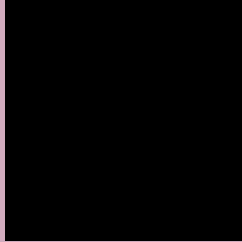
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3988, 0.3309, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 46.3988, 0.3309, 0.3061.



This preview shows how white text looks on a background with the Yxy color 46.3988, 0.3309, 0.3061.

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

46.3988, 0.3309, 0.3061

Protanopia

46.4518, 0.3011, 0.3085

Deuteranopia

46.4606, 0.3196, 0.3128



Tritanopia

46.4177, 0.3342, 0.3132

Trichromacy



Original Color

46.3988, 0.3309, 0.3061

Protanomaly

46.4157, 0.3111, 0.3076

Deuteranomaly

46.3637, 0.3242, 0.3105

Tritanomaly

46.5028, 0.3324, 0.3108

Monochromacy



Original Color

46.3988, 0.3309, 0.3061

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.6997, 0.3192, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3988, 0.3309, 0.3061 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, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 190)  
}
```

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, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.3988, 0.3309, 0.3061 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, 171, 190) }
```

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

```
.border{ border-color:rgb(209, 171, 190) }
```

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

Here you see how a box with a 4 pixel rgb(209, 171, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3988, 0.3309, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 190) }
```

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

```
.background{ background-color: rgb(209,  
171, 190) }
```

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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