

Converting Colors

Yxy(39.9086, 0.3575, 0.3021)

Have a look what the booklet for
Yxy(39.9086, 0.3575, 0.3021)
contains.

Yxy(39.9021, 0.3581, 0.3026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.9021, 0.3581, 0.3026)

Conversions

Conversions Part 1	
Format	Color
Hex	D997AD
RGB	217, 151, 173
RGB Percent	85%, 59%, 68%
CMY	0.1491, 0.4078, 0.3216
CMYK	0.00, 0.30, 0.20, 0.15
HSL	340°, 46%, 72%
HSV	340°, 30%, 85%
XYZ	47.2206, 39.9021, 44.7415
YIQ	173.2420, 32.2740, 20.8340

Conversions

Conversions Part 2

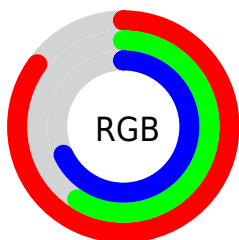
Format	Color
RYB	217, 151, 173
Decimal	14260141
CIELab	69.40, 27.90, -1.45
CIELCh	69, 27.940, 357.028
Yxy	39.9021, 0.3581, 0.3026
Android (android.graphics.Color)	4292450221 (0xFFD997AD)
YUV	173.2420, -0.1193, 38.3758
Hunter-Lab	63.1681, 22.8913, 2.2230

Details

The Yxy color **39.9021, 0.3581, 0.3026** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.1400, 0.2818, 0.3573**, and the grayscale version is **41.9080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0040, 0.3342, 0.3069**, and **17.8812, 0.3716, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **33.0198, 0.3799, 0.2937**, and if you desaturate by 10%, it is **48.1342, 0.3400, 0.3117**.

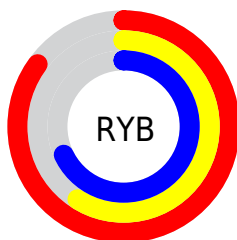
Distribution



Red (85%)

Green (59%)

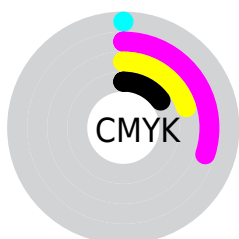
Blue (68%)



Red (85%)

Yellow (59%)

Blue (68%)

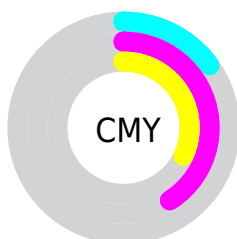


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (41%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9021, 0.3581, 0.3026 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 39.9021, 0.3581, 0.3026 by changing the saturation by 10% instead.


 39.9021, 0.3581,
0.3026

 39.9021, 0.3581,
0.3026

345.7108, 0.3349,
0.3160

 27.4622, 0.3641,
0.2992


 75.0144, 0.3495,
0.3075

 17.9207, 0.3718,
0.2947


 98.4556, 0.3464,
0.3094

 10.8930, 0.3823,
0.2887


126.3328, 0.3437,
0.3109

 5.9950, 0.3973,
0.2803

159.0302, 0.3414,
0.3122

 2.8420, 0.4205,
0.2673

196.9323, 0.3394,
0.3134

 1.0498, 0.4605,
0.2452


240.4235, 0.3377,


 0.0000, 0.9553,


0.3144


0.0000


289.8882, 0.3362,
0.3153

 0.0000, 0.0000,
0.0000

 39.9021, 0.3581,
0.3026


 39.9021, 0.3581,
0.3026

 33.0198, 0.3799,
0.2937

 48.1342, 0.3400,
0.3117

 27.4090, 0.4059,
0.2855


 57.7774, 0.3252,
0.3204


 22.9924, 0.4359,
0.2789

 68.8963, 0.3132,
0.3287

 19.6814, 0.4692,
0.2752

 81.5495, 0.3033,
0.3363

 17.3751, 0.5041,
0.2755

 92.8832, 0.2952,
0.3388

■ 15.9539, 0.5379,
0.2808

■ 93.4896, 0.2900,
0.3289

■ 15.2211, 0.5668,
0.2896

Harmonies

Analogous

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



39.9021, 0.3172, 0.2773



39.9021, 0.3581, 0.3026



39.9021, 0.3872, 0.3347

Triad

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



39.9021, 0.3581, 0.3026



39.9021, 0.3449, 0.4032



39.9021, 0.2370, 0.2830

Complementary

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



39.9021, 0.3581, 0.3026



60.1400, 0.2818, 0.3573

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.



39.9021, 0.2433, 0.3159



39.9021, 0.3581, 0.3026



39.9021, 0.3041, 0.3898

Square

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



39.9021, 0.3581, 0.3026



39.9021, 0.3784, 0.3935



39.9021, 0.2673, 0.3562



39.9021, 0.2490, 0.2651

Rectangle

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



39.9021, 0.3581, 0.3026



39.9021, 0.3948, 0.3570



39.9021, 0.2673, 0.3562



39.9021, 0.2371, 0.2925

Sweetspot

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



39.9040, 0.3581, 0.3026



85.2745, 0.3235, 0.3215



38.7482, 0.2964, 0.2491



17.7785, 0.3254, 0.3203



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.



39.9040, 0.3581, 0.3026



51.4105, 0.3705, 0.2973



42.8284, 0.3769, 0.3426



13.1227, 0.3240, 0.3212



9.2329, 0.5630, 0.2875



0.6138, 0.5169, 0.2621

Inverse Universe

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



39.9040, 0.3581, 0.3026



51.4105, 0.3705, 0.2973



55.7279, 0.2676, 0.3149



13.1227, 0.3240, 0.3212



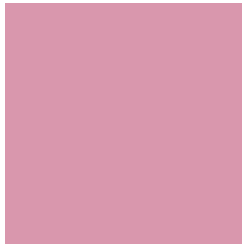
9.2329, 0.5630, 0.2875



0.6138, 0.5169, 0.2621

Previews

White Background



This preview shows how the Yxy color 39.9021, 0.3581, 0.3026 looks on a white background.

Color Contrast Check

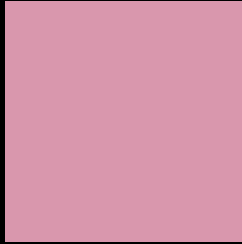
Large Text (above 18pt) WCAG AA × Fail

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 39.9021, 0.3581, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

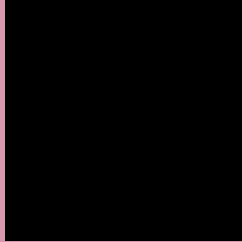
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9021, 0.3581, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 39.9021, 0.3581, 0.3026.



This preview shows how white text looks on a background with the Yxy color 39.9021, 0.3581, 0.3026.

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

39.9021, 0.3581, 0.3026

Protanopia

40.2716, 0.3003, 0.3085

Deuteranopia

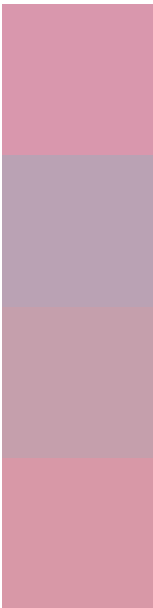
39.9303, 0.3273, 0.3197



Tritanopia

40.0617, 0.3658, 0.3157

Trichromacy



Original Color
39.9021, 0.3581, 0.3026

Protanomaly
39.5751, 0.3195, 0.3053

Deuteranomaly
39.6451, 0.3377, 0.3123

Tritanomaly
39.8454, 0.3630, 0.3109

Monochromacy



Original Color
39.9021, 0.3581, 0.3026

Achromatopsia
41.7885, 0.3127, 0.3290

Achromatomaly
40.7462, 0.3282, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9021, 0.3581, 0.3026 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(217, 151, 173) looks like.

```
.text, #text, p{  
    color:rgb(217, 151, 173)  
}
```

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(217, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 151, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.9021, 0.3581, 0.3026 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(217, 151, 173) }
```

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

```
.border{ border-color:rgb(217, 151, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(217, 151,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9021, 0.3581, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 151, 173) }
```

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

```
.background{ background-color: rgb(217,  
151, 173) }
```

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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