

Converting Colors

$Y_{xy}(40.1489, 0.3564, 0.3019)$

Have a look what the booklet for
Yxy(40.1489, 0.3564, 0.3019)
contains.

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Color

Yxy(40.2642, 0.3569, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	D998AE
RGB	217, 152, 174
RGB Percent	85%, 60%, 68%
CMY	0.1489, 0.4040, 0.3177
CMYK	0.00, 0.30, 0.20, 0.15
HSL	340°, 46%, 72%
HSV	340°, 30%, 85%
XYZ	47.4894, 40.2642, 45.3072
YIQ	173.9430, 31.6780, 20.6220

Conversions

Conversions Part 2

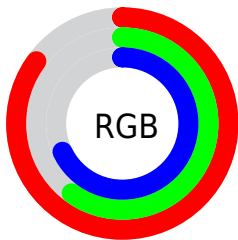
Format	Color
R _Y B	217, 152, 174
Decimal	14260398
CIE Lab	69.66, 27.54, -1.63
CIE LCh	70, 27.591, 356.616
Yxy	40.2642, 0.3569, 0.3026
Android (android.graphics.Color)	4292450478 (0xFFD998AE)
YUV	173.9430, 0.0281, 37.7610
Hunter-Lab	63.4541, 22.5458, 2.0839

Details

The Yxy color $40.2642, 0.3569, 0.3026$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $60.2583, 0.2824, 0.3573$, and the grayscale version is $42.2855, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.5428, 0.3333, 0.3069$, and $18.0966, 0.3698, 0.2939$ is the 20% darker color. If you saturate the color by 10%, you get $33.3238, 0.3784, 0.2935$, and if you desaturate by 10%, it is $48.5571, 0.3391, 0.3118$.

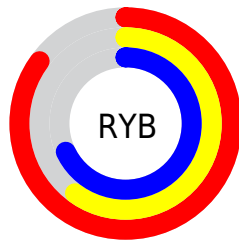
Distribution



Red (85%)

Green (60%)

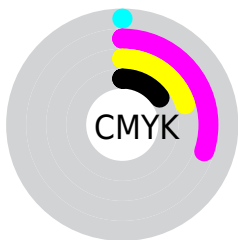
Blue (68%)



Red (85%)

Yellow (60%)

Blue (68%)

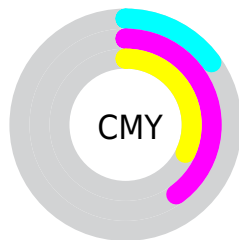


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2642, 0.3569, 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 40.2642, 0.3569, 0.3026 by changing the saturation by 10% instead.


 40.2642, 0.3569,
0.3026


 40.2642, 0.3569,
0.3026

347.2359, 0.3343,
0.3160

 27.7446, 0.3627,
0.2992

 75.5657, 0.3486,
0.3075

 18.1332, 0.3702,
0.2948


 99.1163, 0.3455,
0.3093

 11.0457, 0.3804,
0.2888


127.1128, 0.3429,
0.3109

 6.0976, 0.3949,
0.2804

159.9394, 0.3407,
0.3122

 2.9045, 0.4171,
0.2677

197.9806, 0.3388,
0.3134

 1.0821, 0.4556,
0.2460

241.6209, 0.3371,


 0.0000, 0.8977,


0.3144


0.0000


291.2445, 0.3356,
0.3152

 0.0000, 0.0000,
0.0000


 40.2642, 0.3569,
0.3026


 40.2642, 0.3569,
0.3026


 33.3238, 0.3784,
0.2935


 48.5571, 0.3391,
0.3118


 27.6582, 0.4039,
0.2851


 58.2638, 0.3246,
0.3207


 23.1900, 0.4335,
0.2783

 69.4485, 0.3127,
0.3290

 19.8313, 0.4664,
0.2744

 82.1698, 0.3030,
0.3368

 17.4819, 0.5010,
0.2744

 92.9183, 0.2949,
0.3384

■ 16.0232, 0.5346,
0.2794

■ 93.4965, 0.2900,
0.3289

■ 15.2451, 0.5648,
0.2885

■ 15.2429, 0.5649,
0.2885

Harmonies

Analogous

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



40.2642, 0.3166, 0.2778



40.2642, 0.3569, 0.3026



40.2642, 0.3857, 0.3343

Triad

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



40.2642, 0.3569, 0.3026



40.2642, 0.3450, 0.4020



40.2642, 0.2381, 0.2841

Complementary

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



40.2642, 0.3569, 0.3026



60.2583, 0.2824, 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.



40.2642, 0.2446, 0.3166



40.2642, 0.3569, 0.3026



40.2642, 0.3049, 0.3891

Square

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



40.2642, 0.3569, 0.3026



40.2642, 0.3778, 0.3923



40.2642, 0.2684, 0.3563



40.2642, 0.2497, 0.2662

Rectangle

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



40.2642, 0.3569, 0.3026



40.2642, 0.3934, 0.3562



40.2642, 0.2684, 0.3563



40.2642, 0.2382, 0.2935

Sweetspot

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



40.2661, 0.3569, 0.3026



85.2815, 0.3234, 0.3214



38.9701, 0.2957, 0.2501



17.7802, 0.3253, 0.3202



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.



40.2661, 0.3569, 0.3026



51.4317, 0.3701, 0.2968



42.7753, 0.3761, 0.3411



13.1238, 0.3239, 0.3211



9.2420, 0.5611, 0.2865



0.6145, 0.5151, 0.2611

Inverse Universe

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



40.2661, 0.3569, 0.3026



51.4317, 0.3701, 0.2968



56.4453, 0.2683, 0.3165



13.1238, 0.3239, 0.3211



9.2420, 0.5611, 0.2865



0.6145, 0.5151, 0.2611

Previews

White Background



This preview shows how the Yxy color 40.2642, 0.3569, 0.3026 looks on a white background.

Color Contrast Check

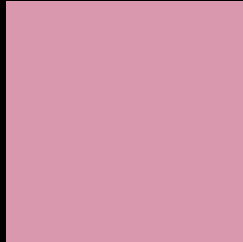
Large Text (above 18pt) WCAG AA × Fail

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 40.2642, 0.3569, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

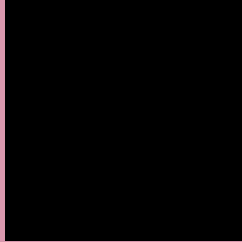
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2642, 0.3569, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 40.2642, 0.3569, 0.3026.



This preview shows how white text looks on a background with the Yxy color 40.2642, 0.3569, 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

40.2642, 0.3569, 0.3026

Protanopia

40.3827, 0.3012, 0.3086

Deuteranopia

40.3279, 0.3263, 0.3197



Tritanopia

40.0980, 0.3648, 0.3145

Trichromacy



Original Color

40.2642, 0.3569, 0.3026

Protanomaly

40.0545, 0.3203, 0.3067

Deuteranomaly

40.0291, 0.3366, 0.3123

Tritanomaly

40.2085, 0.3617, 0.3109

Monochromacy



Original Color

40.2642, 0.3569, 0.3026

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2756, 0.3281, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2642, 0.3569, 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, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 174)  
}
```

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, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 174) }
```

Border

The CSS property to change the border of an element to Yxy 40.2642, 0.3569, 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, 152, 174) }
```

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

```
.border{ border-color:rgb(217, 152, 174) }
```

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

Here you see how a box with a 4 pixel rgb(217, 152, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2642, 0.3569, 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, 152, 174) }
```

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

```
.background{ background-color: rgb(217,  
152, 174) }
```

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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