

Converting Colors

$Y_{xy}(40.1943, 0.3459, 0.2929)$

Have a look what the booklet for
Yxy(40.1943, 0.3459, 0.2929)
contains.

Yxy(40.1300, 0.3459, 0.2928)	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(40.1300, 0.3459, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	D698B6
RGB	214, 152, 182
RGB Percent	84%, 60%, 71%
CMY	0.1607, 0.4039, 0.2862
CMYK	0.00, 0.29, 0.15, 0.16
HSL	331°, 43%, 72%
HSV	331°, 29%, 84%
XYZ	47.4077, 40.1300, 49.5183
YIQ	173.9580, 27.3220, 22.4740

Conversions

Conversions Part 2

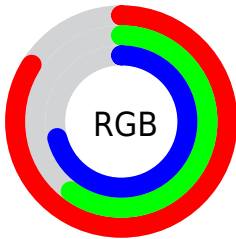
Format	Color
R_{YB}	214, 152, 182
Decimal	14063798
CIE _{Lab}	69.56, 27.73, -6.28
CIE _{LCh}	70, 28.429, 347.233
Yxy	40.1300, 0.3459, 0.2928
Android (android.graphics.Color)	4292253878 (0xFFD698B6)
YUV	173.9580, 3.9647, 35.1168
Hunter-Lab	63.3482, 22.7239, -2.0023

Details

The Yxy color $40.1300, 0.3459, 0.2928$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.2333, 0.2888, 0.3684$, and the grayscale version is $42.2752, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.0587, 0.3268, 0.2982$, and $17.9684, 0.3555, 0.2824$ is the 20% darker color. If you saturate the color by 10%, you get $33.3620, 0.3620, 0.2799$, and if you desaturate by 10%, it is $48.1910, 0.3324, 0.3058$.

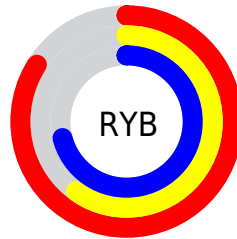
Distribution



Red (84%)

Green (60%)

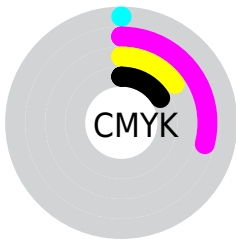
Blue (71%)



Red (84%)

Yellow (60%)

Blue (71%)

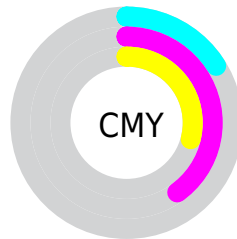


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (40%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1300, 0.3459, 0.2928 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 40.1300, 0.3459, 0.2928 by changing the saturation by 10% instead.


 40.1300, 0.3459,
0.2928


 40.1300, 0.3459,
0.2928


346.6712, 0.3291,
0.3109

 27.6399, 0.3501,
0.2883


 75.3614, 0.3398,
0.2994

 18.0544, 0.3556,
0.2825


 98.8716, 0.3375,
0.3018

 10.9891, 0.3629,
0.2749


126.8239, 0.3356,
0.3039

 6.0595, 0.3733,
0.2643

159.6027, 0.3339,
0.3057

 2.8813, 0.3889,
0.2485

197.5924, 0.3325,
0.3072

 1.0701, 0.4153,
0.2228

241.1775, 0.3312,


 0.0000, 0.6201,


0.3086


0.0000


290.7423, 0.3301,
0.3098


 0.0000, 0.0000,
0.0000


 40.1300, 0.3459,
0.2928


 40.1300, 0.3459,
0.2928


 33.3620, 0.3620,
0.2799


 48.1910, 0.3324,
0.3058


 27.8131, 0.3808,
0.2677


 57.6026, 0.3211,
0.3183


 23.4107, 0.4024,
0.2572

 68.4256, 0.3118,
0.3302

 20.0717, 0.4263,
0.2496

 80.7155, 0.3042,
0.3413

 17.7021, 0.4518,
0.2461

 91.9446, 0.2978,
0.3474

■ 16.1907, 0.4775,
0.2478

■ 92.6106, 0.2919,
0.3359

■ 15.3604, 0.5022,
0.2546

■ 93.0377, 0.2883,
0.3289

■ 15.2899, 0.5047,
0.2554

Harmonies

Analogous

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



40.1300, 0.3034, 0.2706



40.1300, 0.3459, 0.2928



40.1300, 0.3808, 0.3237

Triad

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



40.1300, 0.3459, 0.2928



40.1300, 0.3578, 0.4035



40.1300, 0.2359, 0.2917

Complementary

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



40.1300, 0.3459, 0.2928



58.2333, 0.2888, 0.3684

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.



40.1300, 0.2484, 0.3288



40.1300, 0.3459, 0.2928



40.1300, 0.3176, 0.3979

Square

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



40.1300, 0.3459, 0.2928



40.1300, 0.3871, 0.3872



40.1300, 0.2777, 0.3694



40.1300, 0.2421, 0.2682

Rectangle

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



40.1300, 0.3459, 0.2928



40.1300, 0.3936, 0.3464



40.1300, 0.2777, 0.3694



40.1300, 0.2380, 0.3029

Sweetspot

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



40.1318, 0.3459, 0.2928



85.4824, 0.3213, 0.3182



37.3788, 0.2882, 0.2511



17.8296, 0.3228, 0.3164



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.



40.1318, 0.3459, 0.2928



53.0437, 0.3558, 0.2845



39.0201, 0.3765, 0.3292



12.5200, 0.3216, 0.3178



9.2616, 0.5013, 0.2535



0.5753, 0.4620, 0.2318

Inverse Universe

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



40.1318, 0.3459, 0.2928



53.0437, 0.3558, 0.2845



59.6291, 0.2710, 0.3289



12.5200, 0.3216, 0.3178



9.2616, 0.5013, 0.2535



0.5753, 0.4620, 0.2318

Previews

White Background



This preview shows how the Yxy color 40.1300, 0.3459, 0.2928 looks on a white background.

Color Contrast Check

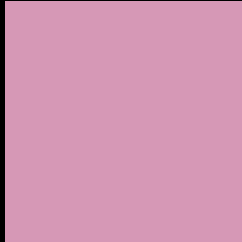
Large Text (above 18pt) WCAG AA × Fail

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 40.1300, 0.3459, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

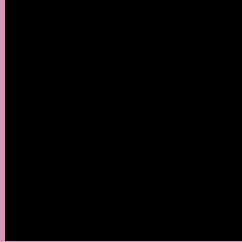
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1300, 0.3459, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 40.1300, 0.3459, 0.2928.



This preview shows how white text looks on a background with the Yxy color 40.1300, 0.3459, 0.2928.

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

40.1300, 0.3459, 0.2928

Protanopia

40.4417, 0.2915, 0.2966

Deuteranopia

40.2728, 0.3164, 0.3091



Tritanopia

40.2298, 0.3582, 0.3143

Trichromacy



Original Color

40.1300, 0.3459, 0.2928

Protanomaly

40.0589, 0.3097, 0.2951

Deuteranomaly

39.9471, 0.3263, 0.3020

Tritanomaly

40.2359, 0.3545, 0.3071

Monochromacy



Original Color

40.1300, 0.3459, 0.2928

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2656, 0.3245, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1300, 0.3459, 0.2928 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(214, 152, 182)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 182)  
}
```

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(214, 152, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 182) }
```

Border

The CSS property to change the border of an element to Yxy 40.1300, 0.3459, 0.2928 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(214, 152, 182) }
```

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

```
.border{ border-color:rgb(214, 152, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 182);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1300, 0.3459, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 182) }
```

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

```
.background{ background-color: rgb(214,  
152, 182) }
```

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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