

Converting Colors

$Y_{xy}(40.2874, 0.3505, 0.2994)$

Have a look what the booklet for
Yxy(40.2874, 0.3505, 0.2994)
contains.

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Color

Yxy(40.2529, 0.3507, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	D699B1
RGB	214, 153, 177
RGB Percent	84%, 60%, 69%
CMY	0.1608, 0.4000, 0.3060
CMYK	0.00, 0.28, 0.17, 0.16
HSL	336°, 43%, 72%
HSV	336°, 28%, 84%
XYZ	47.0556, 40.2529, 46.8678
YIQ	173.9750, 28.6520, 20.3960

Conversions

Conversions Part 2

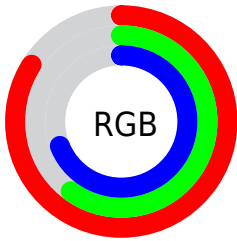
Format	Color
R_{YB}	214, 153, 177
Decimal	14064049
CIE _{Lab}	69.65, 26.37, -3.34
CIE _{LCh}	70, 26.576, 352.786
Yxy	40.2529, 0.3507, 0.3000
Android (android.graphics.Color)	4292254129 (0xFFD699B1)
YUV	173.9750, 1.4913, 35.1019
Hunter-Lab	63.4452, 21.3598, 0.6133

Details

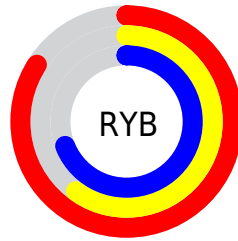
The Yxy color **40.2529, 0.3507, 0.3000** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.5852, 0.2858, 0.3602**, and the grayscale version is **42.2955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2549, 0.3303, 0.3040**, and **18.0317, 0.3624, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **33.3724, 0.3697, 0.2894**, and if you desaturate by 10%, it is **48.4427, 0.3349, 0.3106**.

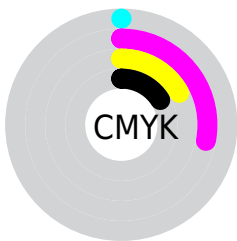
Distribution



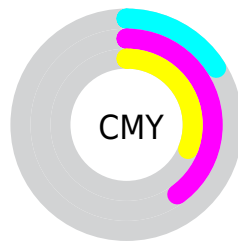
- Red (84%)
- Green (60%)
- Blue (69%)



- Red (84%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2529, 0.3507, 0.3000 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 40.2529, 0.3507, 0.3000 by changing the saturation by 10% instead.

 40.2529, 0.3507,
0.3000

 40.2529, 0.3507,
0.3000


347.1884, 0.3314,
0.3146

 27.7358, 0.3556,
0.2963


 75.5485, 0.3436,
0.3053

 18.1266, 0.3620,
0.2916


 99.0957, 0.3410,
0.3073

 11.0409, 0.3707,
0.2852


127.0884, 0.3387,
0.3090

 6.0944, 0.3830,
0.2763

159.9111, 0.3368,
0.3105

 2.9025, 0.4018,
0.2628

197.9480, 0.3352,
0.3117

 1.0811, 0.4340,
0.2404

241.5836, 0.3338,


 0.0000, 0.7605,


0.3128


0.0000

291.2022, 0.3325,
0.3138


 0.0000, 0.0000,
0.0000

 40.2529, 0.3507,
0.3000


 40.2529, 0.3507,
0.3000


 33.3724, 0.3697,
0.2894


 48.4427, 0.3349,
0.3106

 27.7270, 0.3922,
0.2795

 57.9996, 0.3219,
0.3208

 23.2439, 0.4183,
0.2710

 68.9849, 0.3112,
0.3304

 19.8398, 0.4476,
0.2653

 81.4543, 0.3025,
0.3393

 17.4207, 0.4787,
0.2636

 92.2228, 0.2952,
0.3425

■ 15.8758, 0.5099,
0.2669

■ 93.0313, 0.2883,
0.3290

■ 15.0378, 0.5389,
0.2752

■ 93.0360, 0.2883,
0.3289

■ 14.9371, 0.5431,
0.2766

Harmonies

Analogous

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



40.2529, 0.3114, 0.2772



40.2529, 0.3507, 0.3000



40.2529, 0.3805, 0.3301

Triad

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



40.2529, 0.3507, 0.3000



40.2529, 0.3486, 0.3992



40.2529, 0.2404, 0.2891

Complementary

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



40.2529, 0.3507, 0.3000



58.5852, 0.2858, 0.3602

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.



40.2529, 0.2490, 0.3219



40.2529, 0.3507, 0.3000



40.2529, 0.3102, 0.3896

Square

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



40.2529, 0.3507, 0.3000



40.2529, 0.3785, 0.3876



40.2529, 0.2740, 0.3600



40.2529, 0.2495, 0.2697

Rectangle

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



40.2529, 0.3507, 0.3000



40.2529, 0.3898, 0.3514



40.2529, 0.2740, 0.3600



40.2529, 0.2413, 0.2988

Sweetspot

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



40.2548, 0.3507, 0.3000



85.3562, 0.3226, 0.3202



38.5368, 0.2940, 0.2537



17.7986, 0.3244, 0.3187



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.



40.2548, 0.3507, 0.3000



53.6575, 0.3614, 0.2938



41.4299, 0.3730, 0.3367



12.5008, 0.3230, 0.3199



9.0478, 0.5393, 0.2745



0.5618, 0.4932, 0.2491

Inverse Universe

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



40.2548, 0.3507, 0.3000



53.6575, 0.3614, 0.2938



56.6912, 0.2708, 0.3211



12.5008, 0.3230, 0.3199



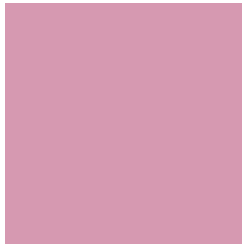
9.0478, 0.5393, 0.2745



0.5618, 0.4932, 0.2491

Previews

White Background



This preview shows how the Yxy color 40.2529, 0.3507, 0.3000 looks on a white background.

Color Contrast Check

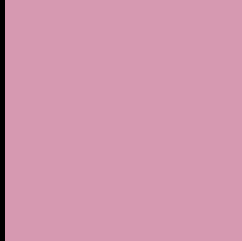
Large Text (above 18pt) WCAG AA × Fail

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 40.2529, 0.3507, 0.3000 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 40.2529, 0.3507, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 40.2529, 0.3507, 0.3000.



This preview shows how white text looks on a background with the Yxy color 40.2529, 0.3507, 0.3000.

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

40.2529, 0.3507, 0.3000

Protanopia

40.3988, 0.2979, 0.3046

Deuteranopia

40.3197, 0.3227, 0.3158



Tritanopia

40.3788, 0.3592, 0.3144

Trichromacy



Original Color

40.2529, 0.3507, 0.3000

Protanomaly

39.9276, 0.3158, 0.3027

Deuteranomaly

40.3601, 0.3327, 0.3098

Tritanomaly

40.1976, 0.3555, 0.3083

Monochromacy



Original Color

40.2529, 0.3507, 0.3000

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.1864, 0.3263, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2529, 0.3507, 0.3000 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, 153, 177)` looks like.

```
.text, #text, p{  
    color:rgb(214, 153, 177)  
}
```

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, 153, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 153, 177) }
```

Border

The CSS property to change the border of an element to Yxy 40.2529, 0.3507, 0.3000 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, 153, 177) }
```

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

```
.border{ border-color:rgb(214, 153, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 153, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 153, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 153, 177);  
box-shadow:4px 4px 4px 4px rgb(214, 153,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2529, 0.3507, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 153, 177) }
```

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

```
.background{ background-color: rgb(214,  
153, 177) }
```

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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