

Converting Colors

$Y_{xy}(40.6302, 0.3543, 0.2957)$

Have a look what the booklet for
Yxy(40.6302, 0.3543, 0.2957)
contains.

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Color

Yxy(40.6035, 0.3550, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	DC97B3
RGB	220, 151, 179
RGB Percent	86%, 59%, 70%
CMY	0.1373, 0.4078, 0.2981
CMYK	0.00, 0.31, 0.19, 0.14
HSL	336°, 50%, 73%
HSV	336°, 31%, 86%
XYZ	48.7132, 40.6035, 47.9036
YIQ	174.8230, 32.1360, 23.3360

Conversions

Conversions Part 2

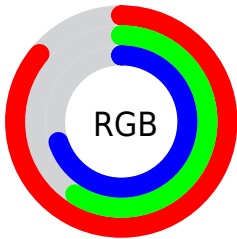
Format	Color
R _Y B	220, 151, 179
Decimal	14456755
CIE Lab	69.90, 29.89, -4.01
CIE LCh	70, 30.156, 352.350
Yxy	40.6035, 0.3550, 0.2959
Android (android.graphics.Color)	4292646835 (0xFFDC97B3)
YUV	174.8230, 2.0593, 39.6202
Hunter-Lab	63.7209, 24.9478, 0.0320

Details

The Yxy color $40.6035, 0.3550, 0.2959$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.5672, 0.2838, 0.3650$, and the grayscale version is $42.7506, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.4008, 0.3291, 0.3001$, and $18.3226, 0.3684, 0.2868$ is the 20% darker color. If you saturate the color by 10%, you get $33.6678, 0.3746, 0.2851$, and if you desaturate by 10%, it is $48.9143, 0.3387, 0.3069$.

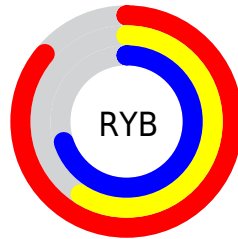
Distribution



Red (86%)

Green (59%)

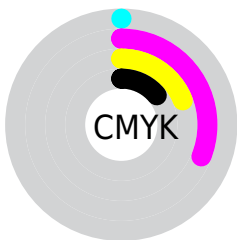
Blue (70%)



Red (86%)

Yellow (59%)

Blue (70%)

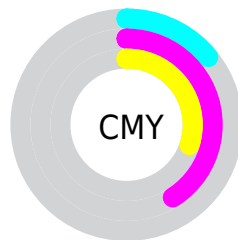


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (14%)



Cyan (14%)


Magenta (41%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6035, 0.3550, 0.2959 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 40.6035, 0.3550, 0.2959 by changing the saturation by 10% instead.


 40.6035, 0.3550,
0.2959


 40.6035, 0.3550,
0.2959


348.6607, 0.3336,
0.3125

 28.0094, 0.3605,
0.2917


 76.0816, 0.3471,
0.3019

 18.3327, 0.3675,
0.2864


 99.7344, 0.3442,
0.3042

 11.1891, 0.3770,
0.2793


127.8423, 0.3417,
0.3061

 6.1942, 0.3904,
0.2693

160.7896, 0.3396,
0.3078

 2.9635, 0.4109,
0.2545

198.9606, 0.3378,
0.3092

 1.1127, 0.4456,
0.2301

242.7399, 0.3362,

 0.0000, 0.7282,

0.3104

0.0000

292.5118, 0.3348,
0.3115

0.0000, 0.0000,
0.0000

40.6035, 0.3550,
0.2959

40.6035, 0.3550,
0.2959

33.6678, 0.3746,
0.2851

48.9143, 0.3387,
0.3069

28.0264, 0.3976,
0.2751

58.6639, 0.3251,
0.3176

23.5992, 0.4241,
0.2671

69.9185, 0.3141,
0.3277

20.2941, 0.4534,
0.2621

82.7389, 0.3050,
0.3371

18.0061, 0.4840,
0.2616

93.2883, 0.2974,
0.3398

■ 16.6097, 0.5141,
0.2663

■ 93.9536, 0.2917,
0.3289

■ 15.9378, 0.5384,
0.2740

Harmonies

Analogous

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



40.6035, 0.3103, 0.2707



40.6035, 0.3550, 0.2959



40.6035, 0.3892, 0.3293

Triad

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



40.6035, 0.3550, 0.2959



40.6035, 0.3534, 0.4086



40.6035, 0.2317, 0.2841

Complementary

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



40.6035, 0.3550, 0.2959



61.5672, 0.2838, 0.3650

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.



40.6035, 0.2414, 0.3212



40.6035, 0.3550, 0.2959



40.6035, 0.3101, 0.3985

Square

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



40.6035, 0.3550, 0.2959



40.6035, 0.3872, 0.3944



40.6035, 0.2694, 0.3648



40.6035, 0.2414, 0.2625

Rectangle

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



40.6035, 0.3550, 0.2959



40.6035, 0.3999, 0.3531



40.6035, 0.2694, 0.3648



40.6035, 0.2327, 0.2950

Sweetspot

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



40.6054, 0.3550, 0.2959



85.3734, 0.3224, 0.3199



38.4134, 0.2906, 0.2452



17.8028, 0.3242, 0.3184



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.



40.6054, 0.3550, 0.2959



49.7965, 0.3683, 0.2883



41.4823, 0.3818, 0.3361



13.1386, 0.3228, 0.3196



9.3758, 0.5345, 0.2718



0.6242, 0.4917, 0.2482

Inverse Universe

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



40.6054, 0.3550, 0.2959



49.7965, 0.3683, 0.2883



59.9617, 0.2671, 0.3217



13.1386, 0.3228, 0.3196



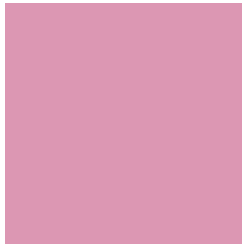
9.3758, 0.5345, 0.2718



0.6242, 0.4917, 0.2482

Previews

White Background



This preview shows how the Yxy color 40.6035, 0.3550, 0.2959 looks on a white background.

Color Contrast Check

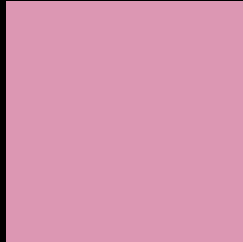
Large Text (above 18pt) WCAG AA × Fail

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 40.6035, 0.3550, 0.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

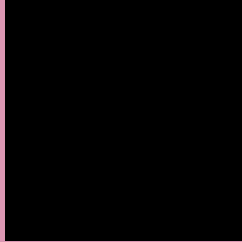
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6035, 0.3550, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 40.6035, 0.3550, 0.2959.



This preview shows how white text looks on a background with the Yxy color 40.6035, 0.3550, 0.2959.

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

40.6035, 0.3550, 0.2959

Protanopia

40.8359, 0.2939, 0.3006

Deuteranopia

40.7213, 0.3217, 0.3158



Tritanopia

40.4045, 0.3668, 0.3146

Trichromacy



Original Color

40.6035, 0.3550, 0.2959

Protanomaly

40.3470, 0.3142, 0.2978

Deuteranomaly

40.6698, 0.3337, 0.3087

Tritanomaly

40.4188, 0.3629, 0.3075

Monochromacy



Original Color

40.6035, 0.3550, 0.2959

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.4834, 0.3273, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6035, 0.3550, 0.2959 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(220, 151, 179)` looks like.

```
.text, #text, p{  
    color:rgb(220, 151, 179)  
}
```

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(220, 151, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 151, 179) }
```

Border

The CSS property to change the border of an element to Yxy 40.6035, 0.3550, 0.2959 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(220, 151, 179) }
```

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

```
.border{ border-color:rgb(220, 151, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 151, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 151, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 151, 179);  
box-shadow:4px 4px 4px 4px rgb(220, 151,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6035, 0.3550, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 151, 179) }
```

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

```
.background{ background-color: rgb(220,  
151, 179) }
```

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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