

Converting Colors

$Y_{xy}(40.6270, 0.3305, 0.3135)$

Have a look what the booklet for
Yxy(40.6270, 0.3305, 0.3135)
contains.

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Color

Yxy(40.6270, 0.3305, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	C1A3AF
RGB	193, 163, 175
RGB Percent	76%, 64%, 69%
CMY	0.2431, 0.3608, 0.3138
CMYK	0.00, 0.16, 0.09, 0.24
HSL	336°, 19%, 70%
HSV	336°, 16%, 76%
XYZ	42.8301, 40.6270, 46.1346
YIQ	173.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

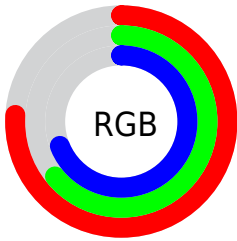
Format	Color
RYB	193, 163, 175
Decimal	12690351
CIELab	69.91, 13.01, -2.09
CIELCh	70, 13.179, 350.876
Yxy	40.6270, 0.3305, 0.3135
Android (android.graphics.Color)	4290880431 (0xFFC1A3AF)
YUV	173.3380, 0.8194, 17.2436
Hunter-Lab	63.7393, 8.4005, 1.7033

Details

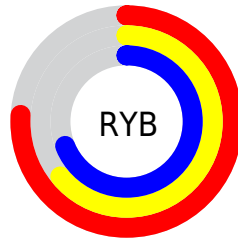
The Yxy color **40.6270, 0.3305, 0.3135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2731, 0.2978, 0.3451**, and the grayscale version is **41.9625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1800, 0.3277, 0.3169**, and **18.2879, 0.3351, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **33.8534, 0.3451, 0.3029**, and if you desaturate by 10%, it is **48.4894, 0.3185, 0.3236**.

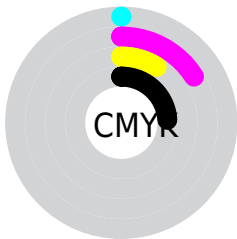
Distribution



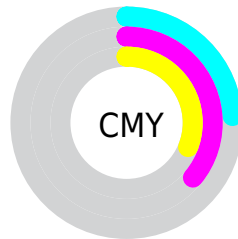
- Red (76%)
- Green (64%)
- Blue (69%)



- Red (76%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (24%)





- Cyan (24%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6270, 0.3305, 0.3135 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 40.6270, 0.3305, 0.3135 by changing the saturation by 10% instead.


 40.6270, 0.3305,
0.3135

 40.6270, 0.3305,
0.3135


348.7592, 0.3214,
0.3214

 28.0277, 0.3328,
0.3115


 76.1173, 0.3272,
0.3164

 18.3466, 0.3358,
0.3089


 99.7772, 0.3259,
0.3175

 11.1991, 0.3399,
0.3054


127.8928, 0.3249,
0.3184

 6.2009, 0.3457,
0.3005

160.8484, 0.3240,
0.3191

 2.9676, 0.3547,
0.2929

199.0284, 0.3232,
0.3198

 1.1149, 0.3704,
0.2800

242.8173, 0.3226,

 0.0000, 0.6945,

0.3204

0.0000

292.5995, 0.3220,
0.3209

0.0000, 0.0000,
0.0000

40.6270, 0.3305,
0.3135

40.6270, 0.3305,
0.3135

33.8534, 0.3451,
0.3029

48.4894, 0.3185,
0.3236

28.1150, 0.3627,
0.2922

57.4805, 0.3086,
0.3331

23.3617, 0.3837,
0.2818

67.6447, 0.3004,
0.3419

19.5370, 0.4082,
0.2727

79.0223, 0.2938,
0.3500

16.5786, 0.4359,
0.2658

88.7411, 0.2880,
0.3527

■ 14.4167, 0.4660,
0.2625

■ 89.4255, 0.2820,
0.3401

■ 12.9703, 0.4968,
0.2638

■ 90.0802, 0.2768,
0.3289

■ 12.1392, 0.5262,
0.2704

■ 11.8771, 0.5388,
0.2742

Harmonies

Analogous

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



40.6270, 0.3112, 0.3017



40.6270, 0.3305, 0.3135



40.6270, 0.3452, 0.3293

Triad

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



40.6270, 0.3305, 0.3135



40.6270, 0.3322, 0.3631



40.6270, 0.2759, 0.3107

Complementary

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



40.6270, 0.3305, 0.3135



49.2731, 0.2978, 0.3451

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.



40.6270, 0.2812, 0.3274



40.6270, 0.3305, 0.3135



40.6270, 0.3133, 0.3585

Square

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



40.6270, 0.3305, 0.3135



40.6270, 0.3461, 0.3580



40.6270, 0.2947, 0.3452



40.6270, 0.2801, 0.2997

Rectangle

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



40.6270, 0.3305, 0.3135



40.6270, 0.3502, 0.3403



40.6270, 0.2947, 0.3452



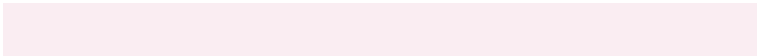
40.6270, 0.2766, 0.3158

Sweetspot

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



40.6288, 0.3305, 0.3135



87.5432, 0.3179, 0.3241



39.8704, 0.3036, 0.2897



18.5516, 0.3187, 0.3234



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.6288, 0.3305, 0.3135



67.9842, 0.3356, 0.3096



41.2573, 0.3410, 0.3330



10.1430, 0.3228, 0.3198



7.9126, 0.5355, 0.2724



0.3555, 0.4765, 0.2399

Inverse Universe

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



40.6288, 0.3305, 0.3135



67.9842, 0.3356, 0.3096



48.4726, 0.2893, 0.3250



10.1430, 0.3228, 0.3198



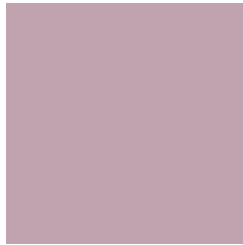
7.9126, 0.5355, 0.2724



0.3555, 0.4765, 0.2399

Previews

White Background



This preview shows how the Yxy color 40.6270, 0.3305, 0.3135 looks on a white background.

Color Contrast Check

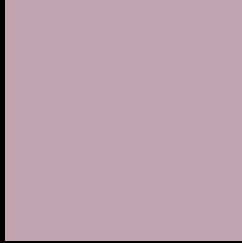
Large Text (above 18pt) WCAG AA × Fail

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 40.6270, 0.3305, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

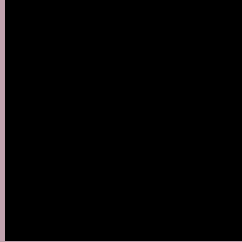
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6270, 0.3305, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 40.6270, 0.3305, 0.3135.



This preview shows how white text looks on a background with the Yxy color 40.6270, 0.3305, 0.3135.

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

40.6270, 0.3305, 0.3135

Protanopia

40.7748, 0.3070, 0.3167

Deuteranopia

40.7675, 0.3244, 0.3185



Tritanopia

40.6664, 0.3296, 0.3122

Trichromacy



Original Color

40.6270, 0.3305, 0.3135

Protanomaly

40.5551, 0.3152, 0.3143

Deuteranomaly

40.7851, 0.3273, 0.3172

Tritanomaly

40.6664, 0.3296, 0.3122

Monochromacy



Original Color

40.6270, 0.3305, 0.3135

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1352, 0.3185, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6270, 0.3305, 0.3135 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(193, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 175)  
}
```

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(193, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 175) }
```

Border

The CSS property to change the border of an element to Yxy 40.6270, 0.3305, 0.3135 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(193, 163, 175) }
```

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

```
.border{ border-color:rgb(193, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6270, 0.3305, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 163, 175) }
```

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

```
.background{ background-color: rgb(193,  
163, 175) }
```

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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