

Converting Colors

$Yxy(40.7494, 0.3308, 0.3101)$

Have a look what the booklet for
Yxy(40.7494, 0.3308, 0.3101)
contains.

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Color

Yxy(40.6171, 0.3307, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	C3A2B1
RGB	195, 162, 177
RGB Percent	76%, 64%, 69%
CMY	0.2353, 0.3647, 0.3060
CMYK	0.00, 0.17, 0.09, 0.24
HSL	333°, 22%, 70%
HSV	333°, 17%, 76%
XYZ	43.3572, 40.6171, 47.1331
YIQ	173.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

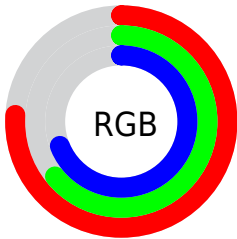
Format	Color
R _Y B	195, 162, 177
Decimal	12821169
CIE Lab	69.91, 14.61, -3.18
CIE LCh	70, 14.951, 347.728
Yxy	40.6171, 0.3307, 0.3098
Android (android.graphics.Color)	4291011249 (0xFFC3A2B1)
YUV	173.5770, 1.6875, 18.7880
Hunter-Lab	63.7315, 9.9052, 0.7637

Details

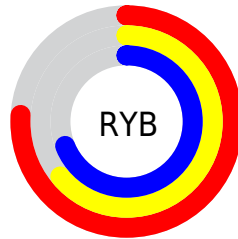
The Yxy color **40.6171, 0.3307, 0.3098** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0051, 0.2978, 0.3490**, and the grayscale version is **42.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2043, 0.3272, 0.3130**, and **18.2698, 0.3366, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **33.8646, 0.3444, 0.2978**, and if you desaturate by 10%, it is **48.4716, 0.3194, 0.3214**.

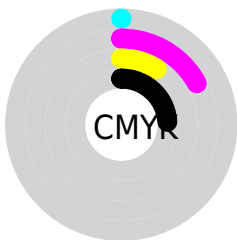
Distribution



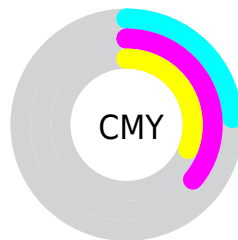
- Red (76%)
- Green (64%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6171, 0.3307, 0.3098 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 40.6171, 0.3307, 0.3098 by changing the saturation by 10% instead.


 40.6171, 0.3307,
0.3098


 40.6171, 0.3307,
0.3098


348.7177, 0.3216,
0.3195

 28.0200, 0.3330,
0.3073


 76.1023, 0.3273,
0.3133

 18.3407, 0.3360,
0.3042


 99.7592, 0.3261,
0.3147

 11.1949, 0.3401,
0.2999


127.8715, 0.3250,
0.3158

 6.1981, 0.3459,
0.2939

160.8236, 0.3241,
0.3167

 2.9659, 0.3548,
0.2848

198.9999, 0.3234,
0.3176

 1.1140, 0.3702,
0.2694

242.7847, 0.3227,


 0.0000, 0.6218,


0.3183


0.0000


292.5625, 0.3221,
0.3189


 0.0000, 0.0000,
0.0000

 40.6171, 0.3307,
0.3098


 40.6171, 0.3307,
0.3098


 33.8646, 0.3444,
0.2978


 48.4716, 0.3194,
0.3214


 28.1590, 0.3607,
0.2856

 57.4691, 0.3100,
0.3323


 23.4486, 0.3800,
0.2740

 67.6552, 0.3023,
0.3424

 19.6749, 0.4023,
0.2638

 79.0715, 0.2960,
0.3518

 16.7737, 0.4273,
0.2561

 88.8478, 0.2906,
0.3557

■ 14.6721, 0.4543,
0.2522

■ 89.4657, 0.2850,
0.3440

■ 13.2854, 0.4818,
0.2532

■ 90.1210, 0.2796,
0.3325

■ 12.4994, 0.5083,
0.2595

■ 90.3408, 0.2778,
0.3289

■ 12.3127, 0.5164,
0.2619

Harmonies

Analogous

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



40.6171, 0.3086, 0.2972



40.6171, 0.3307, 0.3098



40.6171, 0.3483, 0.3272

Triad

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



40.6171, 0.3307, 0.3098



40.6171, 0.3367, 0.3677



40.6171, 0.2712, 0.3099

Complementary

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



40.6171, 0.3307, 0.3098



50.0051, 0.2978, 0.3490

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.



40.6171, 0.2782, 0.3292



40.6171, 0.3307, 0.3098



40.6171, 0.3156, 0.3637

Square

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



40.6171, 0.3307, 0.3098



40.6171, 0.3517, 0.3607



40.6171, 0.2943, 0.3493



40.6171, 0.2748, 0.2967

Rectangle

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



40.6171, 0.3307, 0.3098



40.6171, 0.3548, 0.3397



40.6171, 0.2943, 0.3493



40.6171, 0.2724, 0.3159

Sweetspot

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



40.6189, 0.3307, 0.3098



89.6246, 0.3175, 0.3234



39.4401, 0.3008, 0.2858



19.3855, 0.3182, 0.3226



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.



40.6189, 0.3307, 0.3098



68.4304, 0.3351, 0.3058



40.4439, 0.3444, 0.3305



10.1522, 0.3220, 0.3186



8.0200, 0.5132, 0.2601



0.3604, 0.4594, 0.2305

Inverse Universe

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



40.6189, 0.3307, 0.3098



68.4304, 0.3351, 0.3058



50.1574, 0.2874, 0.3275



10.1522, 0.3220, 0.3186



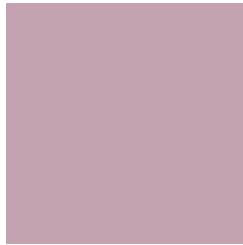
8.0200, 0.5132, 0.2601



0.3604, 0.4594, 0.2305

Previews

White Background



This preview shows how the Yxy color 40.6171, 0.3307, 0.3098 looks on a white background.

Color Contrast Check

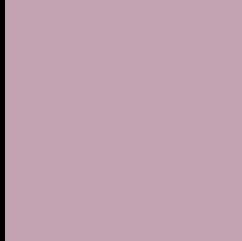
Large Text (above 18pt) WCAG AA × Fail

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 40.6171, 0.3307, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

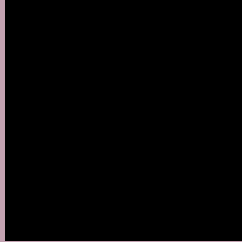
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6171, 0.3307, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 40.6171, 0.3307, 0.3098.



This preview shows how white text looks on a background with the Yxy color 40.6171, 0.3307, 0.3098.

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

40.6171, 0.3307, 0.3098

Protanopia

40.7848, 0.3037, 0.3127

Deuteranopia

40.7213, 0.3217, 0.3158



Tritanopia

40.5379, 0.3325, 0.3123

Trichromacy



Original Color

40.6171, 0.3307, 0.3098

Protanomaly

40.6360, 0.3135, 0.3117

Deuteranomaly

40.8637, 0.3255, 0.3146

Tritanomaly

40.5774, 0.3316, 0.3110

Monochromacy



Original Color

40.6171, 0.3307, 0.3098

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7897, 0.3194, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6171, 0.3307, 0.3098 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(195, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 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(195, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 177) }
```

Border

The CSS property to change the border of an element to Yxy 40.6171, 0.3307, 0.3098 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(195, 162, 177) }
```

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

```
.border{ border-color:rgb(195, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 162, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 162, 177); box-shadow:4px 4px 4px 4px rgb(195, 162, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6171, 0.3307, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 177) }
```

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

```
.background{ background-color: rgb(195,  
162, 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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