

Converting Colors

Yxy(40.7494, 0.3047, 0.3101)

Have a look what the booklet for
Yxy(40.7494, 0.3047, 0.3101)
contains.

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Color

Yxy(40.6791, 0.3047, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	ADA9B7
RGB	173, 169, 183
RGB Percent	68%, 66%, 72%
CMY	0.3215, 0.3373, 0.2825
CMYK	0.05, 0.08, 0.00, 0.28
HSL	257°, 9%, 69%
HSV	257°, 8%, 72%
XYZ	39.9707, 40.6791, 50.5308
YIQ	171.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

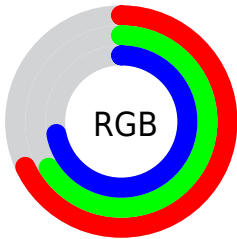
Format	Color
R _Y B	173, 169, 183
Decimal	11381175
CIE Lab	69.95, 4.13, -6.65
CIE LCh	70, 7.830, 301.807
Yxy	40.6791, 0.3047, 0.3101
Android (android.graphics.Color)	4289571255 (0xFFADA9B7)
YUV	171.7920, 5.5255, 1.0594
Hunter-Lab	63.7802, 0.2498, -2.3272

Details

The Yxy color $40.6791, 0.3047, 0.3101$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.2989, 0.3204, 0.3476$, and the grayscale version is $41.1186, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0373, 0.3059, 0.3133$, and $18.3992, 0.3027, 0.3047$ is the 20% darker color. If you saturate the color by 10%, you get $32.9289, 0.2928, 0.2830$, and if you desaturate by 10%, it is $49.5302, 0.3150, 0.3345$.

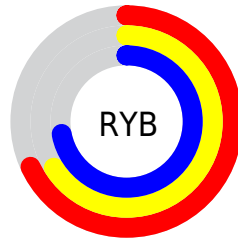
Distribution



Red (68%)

Green (66%)

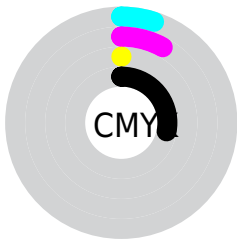
Blue (72%)



Red (68%)

Yellow (66%)

Blue (72%)

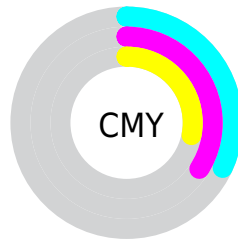


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6791, 0.3047, 0.3101 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 40.6791, 0.3047, 0.3101 by changing the saturation by 10% instead.

■ 40.6791, 0.3047,
0.3101

■ 40.6791, 0.3047,
0.3101

■ 348.9776, 0.3088,
0.3197

■ 28.0684, 0.3036,
0.3077

■ 76.1965, 0.3062,
0.3136

■ 18.3772, 0.3022,
0.3045

■ 99.8721, 0.3068,
0.3149

■ 11.2212, 0.3003,
0.3003

■ 128.0047, 0.3073,
0.3160

■ 6.2158, 0.2976,
0.2943

■ 160.9787, 0.3077,
0.3170

■ 2.9767, 0.2933,
0.2852

■ 199.1787, 0.3080,
0.3178

■ 1.1196, 0.2856,
0.2695

■ 242.9889, 0.3083,

■ 0.0000, 0.1722,

0.3185

0.0000

292.7937, 0.3086,
0.3191

0.0000, 0.0000,
0.0000

40.6791, 0.3047,
0.3101

40.6791, 0.3047,
0.3101

32.9289, 0.2928,
0.2830

49.5302, 0.3150,
0.3345

26.2310, 0.2792,
0.2536

59.5182, 0.3238,
0.3563

20.5408, 0.2640,
0.2223

70.6835, 0.3313,
0.3756

15.8083, 0.2476,
0.1901

83.0632, 0.3377,
0.3926

11.9793, 0.2303,
0.1585

93.1417, 0.3442,
0.4026

■ 8.9940, 0.2131,
0.1293

■ 95.4804, 0.3530,
0.4005

■ 6.7850, 0.1969,
0.1044

■ 96.1979, 0.3556,
0.3998

■ 5.2744, 0.1827,
0.0854

■ 4.3466, 0.1712,
0.0729

Harmonies

Analogous

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



40.6791, 0.2955, 0.3103



40.6791, 0.3047, 0.3101



40.6791, 0.3162, 0.3148

Triad

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



40.6791, 0.3047, 0.3101



40.6791, 0.3350, 0.3421



40.6791, 0.2986, 0.3349

Complementary

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



40.6791, 0.3047, 0.3101



46.2989, 0.3204, 0.3476

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.



40.6791, 0.3090, 0.3439



40.6791, 0.3047, 0.3101



40.6791, 0.3301, 0.3480

Square

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



40.6791, 0.3047, 0.3101



40.6791, 0.3339, 0.3330



40.6791, 0.3205, 0.3487



40.6791, 0.2920, 0.3244

Rectangle

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



40.6791, 0.3047, 0.3101



40.6791, 0.3236, 0.3200



40.6791, 0.3205, 0.3487



40.6791, 0.3017, 0.3382

Sweetspot

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



40.6808, 0.3047, 0.3101



81.5200, 0.3107, 0.3241



44.0992, 0.3011, 0.3236



18.0424, 0.3108, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.6808, 0.3047, 0.3101



70.6585, 0.3030, 0.3062



41.4906, 0.3109, 0.3105



8.8415, 0.3028, 0.3057



2.9389, 0.1699, 0.0709



0.1362, 0.1997, 0.0874

Inverse Universe

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



41.6926, 0.3170, 0.3159



72.8125, 0.3179, 0.3132



45.4951, 0.3144, 0.3479



9.1174, 0.3180, 0.3129



8.1649, 0.4088, 0.2025



0.2980, 0.3813, 0.1874

Previews

White Background



This preview shows how the Yxy color 40.6791, 0.3047, 0.3101 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 40.6791, 0.3047, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

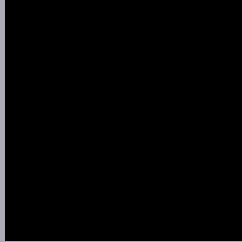
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

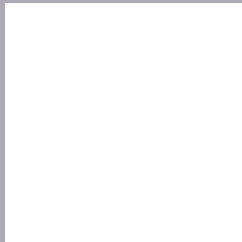
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6791, 0.3047, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 40.6791, 0.3047, 0.3101.

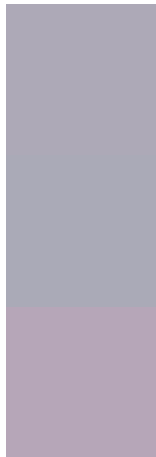


This preview shows how white text looks on a background with the Yxy color 40.6791, 0.3047, 0.3101.

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

40.6791, 0.3047, 0.3101

Protanopia

40.7144, 0.3020, 0.3113

Deuteranopia

40.6782, 0.3120, 0.3052



Tritanopia

40.6376, 0.3055, 0.3114

Trichromacy



Original Color

40.6791, 0.3047, 0.3101

Protanomaly

40.8263, 0.3029, 0.3113

Deuteranomaly

40.6818, 0.3092, 0.3064

Tritanomaly

40.6376, 0.3055, 0.3114

Monochromacy



Original Color

40.6791, 0.3047, 0.3101

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0311, 0.3095, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6791, 0.3047, 0.3101 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(173, 169, 183)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 183)  
}
```

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(173, 169, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.6791, 0.3047, 0.3101 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(173, 169, 183) }
```

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

```
.border{ border-color:rgb(173, 169, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 169, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 183);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6791, 0.3047, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 183) }
```

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

```
.background{ background-color: rgb(173,  
169, 183) }
```

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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