

Converting Colors

$Y_{xy}(40.0325, 0.3111, 0.3051)$

Have a look what the booklet for
Yxy(40.0325, 0.3111, 0.3051)
contains.

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Color

Yxy(40.0325, 0.3111, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	B4A5B7
RGB	180, 165, 183
RGB Percent	71%, 65%, 72%
CMY	0.2942, 0.3529, 0.2825
CMYK	0.02, 0.10, 0.00, 0.28
HSL	290°, 11%, 68%
HSV	290°, 10%, 72%
XYZ	40.8198, 40.0325, 50.3588
YIQ	171.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

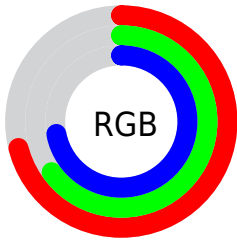
Format	Color
RYB	180, 165, 183
Decimal	11838903
CIELab	69.49, 8.73, -7.27
CIElCh	69, 11.362, 320.237
Yxy	40.0325, 0.3111, 0.3051
Android (android.graphics.Color)	4290028983 (0xFFB4A5B7)
YUV	171.5370, 5.6513, 7.4221
Hunter-Lab	63.2712, 4.4355, -2.9002

Details

The Yxy color $40.0325, 0.3111, 0.3051$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.8964, 0.3141, 0.3537$, and the grayscale version is $40.9782, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2513, 0.3115, 0.3094$, and $17.9340, 0.3103, 0.2978$ is the 20% darker color. If you saturate the color by 10%, you get $33.5376, 0.3090, 0.2797$, and if you desaturate by 10%, it is $47.4832, 0.3127, 0.3294$.

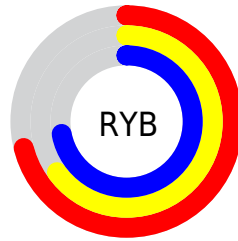
Distribution



Red (71%)

Green (65%)

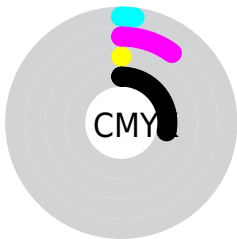
Blue (72%)



Red (71%)

Yellow (65%)

Blue (72%)

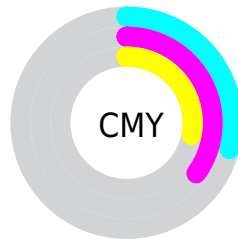


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0325, 0.3111, 0.3051 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 40.0325, 0.3111, 0.3051 by changing the saturation by 10% instead.


 40.0325, 0.3111,
0.3051


 40.0325, 0.3111,
0.3051


346.2605, 0.3120,
0.3172

 27.5639, 0.3108,
0.3021


 75.2130, 0.3115,
0.3095

 17.9972, 0.3105,
0.2981


 98.6937, 0.3116,
0.3112

 10.9480, 0.3100,
0.2929


126.6138, 0.3117,
0.3125

 6.0318, 0.3092,
0.2854

159.3578, 0.3118,
0.3137

 2.8645, 0.3078,
0.2742

197.3101, 0.3118,
0.3148

 1.0614, 0.3051,
0.2552

240.8551, 0.3119,

 0.0000, 0.2634,

0.3157

0.0000

290.3771, 0.3120,
0.3165

■ 0.0000, 0.0000,
0.0000

■ 40.0325, 0.3111,
0.3051

■ 40.0325, 0.3111,
0.3051

■ 33.5376, 0.3090,
0.2797

■ 47.4832, 0.3127,
0.3294

■ 27.9533, 0.3065,
0.2539

■ 55.9220, 0.3140,
0.3523

■ 23.2387, 0.3036,
0.2283

■ 65.3862, 0.3150,
0.3736

■ 19.3473, 0.3002,
0.2040

■ 75.9096, 0.3157,
0.3931

■ 16.2287, 0.2964,
0.1820

■ 86.5649, 0.3163,
0.4095

■ 13.8267, 0.2923,
0.1632

■ 86.9745, 0.3182,
0.4090

■ 12.0775, 0.2880,
0.1484

■ 87.3925, 0.3201,
0.4086

■ 10.9057, 0.2836,
0.1380

■ 87.8187, 0.3220,
0.4081

■ 10.1609, 0.2793,
0.1313

■ 88.2534, 0.3239,
0.4076

Harmonies

Analogous

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



40.0325, 0.2952, 0.3009



40.0325, 0.3111, 0.3051



40.0325, 0.3278, 0.3153

Triad

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



40.0325, 0.3111, 0.3051



40.0325, 0.3418, 0.3540



40.0325, 0.2855, 0.3280

Complementary

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



40.0325, 0.3111, 0.3051



44.8964, 0.3141, 0.3537

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.



40.0325, 0.2974, 0.3433



40.0325, 0.3111, 0.3051



40.0325, 0.3299, 0.3585

Square

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



40.0325, 0.3111, 0.3051



40.0325, 0.3458, 0.3431



40.0325, 0.3136, 0.3546



40.0325, 0.2807, 0.3135

Rectangle

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



40.0325, 0.3111, 0.3051



40.0325, 0.3371, 0.3242



40.0325, 0.3136, 0.3546



40.0325, 0.2888, 0.3333

Sweetspot

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



40.0342, 0.3111, 0.3051



80.5640, 0.3123, 0.3217



39.4257, 0.2977, 0.3083



17.5524, 0.3121, 0.3198



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.



40.0342, 0.3111, 0.3051



68.7995, 0.3106, 0.2991



40.1522, 0.3190, 0.3131



9.0852, 0.3112, 0.3063



7.1075, 0.2798, 0.1315



0.2709, 0.2910, 0.1377

Inverse Universe

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



39.8055, 0.3270, 0.3250



68.3058, 0.3309, 0.3240



44.7958, 0.3069, 0.3455



9.0359, 0.3262, 0.3252



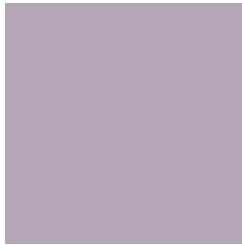
7.0970, 0.6133, 0.3152



0.2578, 0.5495, 0.2801

Previews

White Background



This preview shows how the Yxy color 40.0325, 0.3111, 0.3051 looks on a white background.

Color Contrast Check

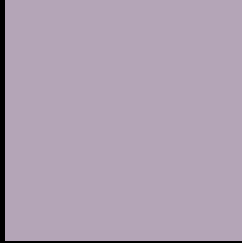
Large Text (above 18pt) WCAG AA × Fail

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 40.0325, 0.3111, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

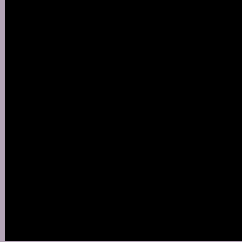
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0325, 0.3111, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 40.0325, 0.3111, 0.3051.



This preview shows how white text looks on a background with the Yxy color 40.0325, 0.3111, 0.3051.

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

40.0325, 0.3111, 0.3051

Protanopia

40.2035, 0.2987, 0.3071

Deuteranopia

40.0325, 0.3111, 0.3051



Tritanopia

40.1108, 0.3135, 0.3116

Trichromacy



Original Color

40.0325, 0.3111, 0.3051

Protanomaly

40.2366, 0.3030, 0.3073

Deuteranomaly

40.0325, 0.3111, 0.3051

Tritanomaly

40.1514, 0.3127, 0.3103

Monochromacy



Original Color

40.0325, 0.3111, 0.3051

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.6245, 0.3123, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0325, 0.3111, 0.3051 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(180, 165, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 165, 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(180, 165, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 165, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.0325, 0.3111, 0.3051 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(180, 165, 183) }
```

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

```
.border{ border-color:rgb(180, 165, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 165, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 165, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 165, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 165,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0325, 0.3111, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 165, 183) }
```

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

```
.background{ background-color: rgb(180,  
165, 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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