

Converting Colors

$Y_{xy}(40.6185, 0.3158, 0.3017)$

Have a look what the booklet for
Yxy(40.6185, 0.3158, 0.3017)
contains.

Yxy(40.6185, 0.3158, 0.3017)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.6185, 0.3158, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	BBA4B9
RGB	187, 164, 185
RGB Percent	73%, 64%, 73%
CMY	0.2669, 0.3568, 0.2745
CMYK	0.00, 0.12, 0.01, 0.27
HSL	305°, 14%, 69%
HSV	305°, 12%, 73%
XYZ	42.5168, 40.6185, 51.4968
YIQ	173.2710, 6.9670, 11.4070

Conversions

Conversions Part 2

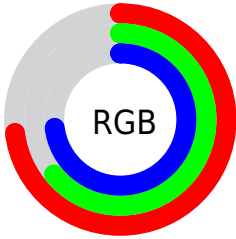
Format	Color
R_{YB}	187, 164, 185
Decimal	12297401
CIE _{Lab}	69.91, 12.10, -7.71
CIE _{LCh}	70, 14.348, 327.505
Yxy	40.6185, 0.3158, 0.3017
Android (android.graphics.Color)	4290487481 (0xFFBBA4B9)
YUV	173.2710, 5.7824, 12.0403
Hunter-Lab	63.7326, 7.5474, -3.2942

Details

The Yxy color $40.6185, 0.3158, 0.3017$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.1675, 0.3097, 0.3579$, and the grayscale version is $41.9004, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0686, 0.3152, 0.3067$, and $18.3226, 0.3170, 0.2935$ is the 20% darker color. If you saturate the color by 10%, you get $34.3454, 0.3186, 0.2788$, and if you desaturate by 10%, it is $47.8796, 0.3133, 0.3241$.

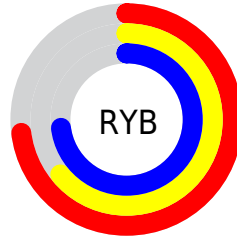
Distribution



Red (73%)

Green (64%)

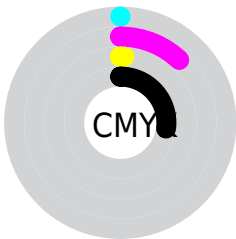
Blue (73%)



Red (73%)

Yellow (64%)

Blue (73%)

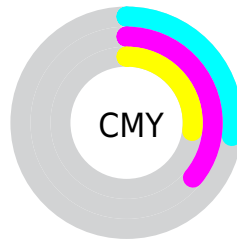


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6185, 0.3158, 0.3017 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 40.6185, 0.3158, 0.3017 by changing the saturation by 10% instead.


 40.6185, 0.3158,
0.3017


 40.6185, 0.3158,
0.3017


348.7236, 0.3144,
0.3154

 28.0211, 0.3161,
0.2983


 76.1044, 0.3153,
0.3067

 18.3416, 0.3165,
0.2939


 99.7618, 0.3151,
0.3086

 11.1955, 0.3171,
0.2880


127.8745, 0.3149,
0.3101

 6.1985, 0.3177,
0.2797

160.8271, 0.3148,
0.3115

 2.9661, 0.3186,
0.2674

199.0039, 0.3147,
0.3127

 1.1141, 0.3196,
0.2469

242.7893, 0.3145,

 0.0000, 0.3512,

0.3137

0.0000

292.5678, 0.3144,
0.3146

■ 0.0000, 0.0000,
0.0000

■ 40.6185, 0.3158,
0.3017

■ 40.6185, 0.3158,
0.3017

■ 34.3454, 0.3186,
0.2788

■ 47.8796, 0.3133,
0.3241

■ 29.0122, 0.3217,
0.2561

■ 56.1634, 0.3110,
0.3454

■ 24.5747, 0.3250,
0.2342

■ 65.5096, 0.3090,
0.3656

■ 20.9833, 0.3284,
0.2142

■ 75.9543, 0.3073,
0.3843

■ 18.1834, 0.3319,
0.1969

■ 85.9274, 0.3059,
0.3990

■ 16.1139, 0.3353,
0.1832

■ 85.9988, 0.3050,
0.3972

■ 14.7052, 0.3385,
0.1737

■ 86.0711, 0.3041,
0.3953

■ 13.8737, 0.3414,
0.1685

■ 86.1441, 0.3033,
0.3934

■ 13.4999, 0.3436,
0.1666

■ 86.2178, 0.3024,
0.3916

Harmonies

Analogous

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



40.6185, 0.2951, 0.2944



40.6185, 0.3158, 0.3017



40.6185, 0.3362, 0.3157

Triad

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



40.6185, 0.3158, 0.3017



40.6185, 0.3464, 0.3626



40.6185, 0.2763, 0.3229

Complementary

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



40.6185, 0.3158, 0.3017



46.1675, 0.3097, 0.3579

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.



40.6185, 0.2892, 0.3425



40.6185, 0.3158, 0.3017



40.6185, 0.3296, 0.3660

Square

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



40.6185, 0.3158, 0.3017



40.6185, 0.3542, 0.3504



40.6185, 0.3086, 0.3587



40.6185, 0.2729, 0.3058

Rectangle

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



40.6185, 0.3158, 0.3017



40.6185, 0.3468, 0.3272



40.6185, 0.3086, 0.3587



40.6185, 0.2796, 0.3294

Sweetspot

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



40.6203, 0.3158, 0.3017



83.3268, 0.3137, 0.3201



38.2443, 0.2952, 0.2975



18.1244, 0.3139, 0.3184



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.6203, 0.3158, 0.3017



69.2631, 0.3166, 0.2949



40.1570, 0.3259, 0.3164



9.6819, 0.3150, 0.3083



9.3122, 0.3433, 0.1665



0.3689, 0.3373, 0.1632

Inverse Universe

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



40.6203, 0.3158, 0.3017



69.2631, 0.3166, 0.2949



46.6054, 0.3012, 0.3420



9.6819, 0.3150, 0.3083



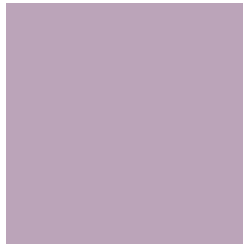
9.3122, 0.3433, 0.1665



0.3689, 0.3373, 0.1632

Previews

White Background



This preview shows how the Yxy color 40.6185, 0.3158, 0.3017 looks on a white background.

Color Contrast Check

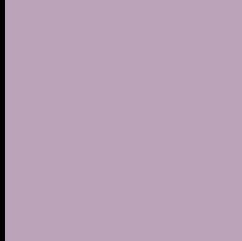
Large Text (above 18pt) WCAG AA × Fail

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 40.6185, 0.3158, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

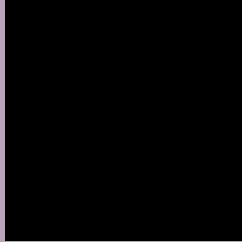
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6185, 0.3158, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 40.6185, 0.3158, 0.3017.



This preview shows how white text looks on a background with the Yxy color 40.6185, 0.3158, 0.3017.

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

40.6185, 0.3158, 0.3017

Protanopia

40.8586, 0.2964, 0.3033

Deuteranopia

40.5990, 0.3103, 0.3039



Tritanopia

40.5637, 0.3210, 0.3119

Trichromacy



Original Color

40.6185, 0.3158, 0.3017

Protanomaly

40.8662, 0.3032, 0.3024

Deuteranomaly

40.4803, 0.3121, 0.3027

Tritanomaly

40.6856, 0.3183, 0.3080

Monochromacy



Original Color

40.6185, 0.3158, 0.3017

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3888, 0.3141, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6185, 0.3158, 0.3017 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(187, 164, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 164, 185)  
}
```

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(187, 164, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 164, 185) }
```

Border

The CSS property to change the border of an element to Yxy 40.6185, 0.3158, 0.3017 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(187, 164, 185) }
```

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

```
.border{ border-color:rgb(187, 164, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 164, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 164, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 164, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 164,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6185, 0.3158, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 164, 185) }
```

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

```
.background{ background-color: rgb(187,  
164, 185) }
```

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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