

Converting Colors

$Y_{xy}(40.7259, 0.3029, 0.2843)$

Have a look what the booklet for
Yxy(40.7259, 0.3029, 0.2843)
contains.

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Color

Yxy(40.5859, 0.3031, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	B9A3C6
RGB	185, 163, 198
RGB Percent	73%, 64%, 78%
CMY	0.2744, 0.3608, 0.2236
CMYK	0.07, 0.18, 0.00, 0.22
HSL	278°, 23%, 71%
HSV	278°, 18%, 78%
XYZ	43.3002, 40.5859, 58.9717
YIQ	173.5680, 1.8770, 15.5490

Conversions

Conversions Part 2

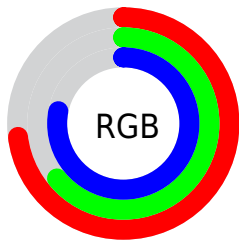
Format	Color
R_{YB}	185, 163, 198
Decimal	12166086
CIE _{Lab}	69.88, 14.53, -14.95
CIE _{LCh}	70, 20.850, 314.195
Yxy	40.5859, 0.3031, 0.2841
Android (android.graphics.Color)	4290356166 (0xFFB9A3C6)
YUV	173.5680, 12.0450, 10.0259
Hunter-Lab	63.7071, 9.8349, -10.2880

Details

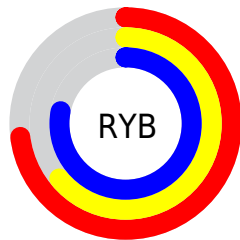
The Yxy color $40.5859, 0.3031, 0.2841$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $52.2550, 0.3208, 0.3750$, and the grayscale version is $42.0326, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0636, 0.3047, 0.2919$, and $18.2880, 0.3003, 0.2715$ is the 20% darker color. If you saturate the color by 10%, you get $33.2091, 0.2963, 0.2567$, and if you desaturate by 10%, it is $49.1140, 0.3089, 0.3102$.

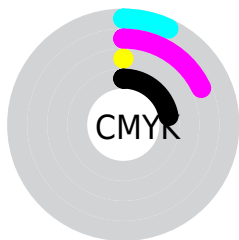
Distribution



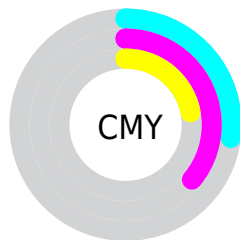
- Red (73%)
- Green (64%)
- Blue (78%)



- Red (73%)
- Yellow (64%)
- Blue (78%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)





- Cyan (27%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5859, 0.3031, 0.2841 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 40.5859, 0.3031, 0.2841 by changing the saturation by 10% instead.


 40.5859, 0.3031,
0.2841


 40.5859, 0.3031,
0.2841


348.5869, 0.3083,
0.3064

 27.9957, 0.3017,
0.2786


 76.0549, 0.3051,
0.2921

 18.3224, 0.2999,
0.2716


 99.7024, 0.3058,
0.2952

 11.1817, 0.2973,
0.2624


127.8045, 0.3064,
0.2977

 6.1892, 0.2935,
0.2496

160.7455, 0.3069,
0.3000

 2.9605, 0.2875,
0.2310

198.9099, 0.3073,
0.3019

 1.1111, 0.2765,
0.2015

242.6819, 0.3077,

 0.0000, 0.2491,

0.3036

0.0000

292.4462, 0.3080,
0.3050

■ 0.0000, 0.0000,
0.0000

■ 40.5859, 0.3031,
0.2841

■ 40.5859, 0.3031,
0.2841

■ 33.2091, 0.2963,
0.2567

■ 49.1140, 0.3089,
0.3102

■ 26.9265, 0.2886,
0.2287

■ 58.8366, 0.3138,
0.3345

■ 21.6842, 0.2799,
0.2010

■ 69.8010, 0.3178,
0.3569

■ 17.4212, 0.2705,
0.1746

■ 82.0504, 0.3212,
0.3773

■ 14.0701, 0.2606,
0.1509

■ 91.0816, 0.3246,
0.3891

■ 11.5548, 0.2506,
0.1311

■ 92.2639, 0.3294,
0.3882

■ 9.7861, 0.2408,
0.1160

■ 93.4973, 0.3342,
0.3873

■ 8.6357, 0.2315,
0.1058

■ 94.7823, 0.3391,
0.3864

■ 8.4066, 0.2293,
0.1037

■ 96.1196, 0.3440,
0.3855

Harmonies

Analogous

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



40.5859, 0.2760, 0.2786



40.5859, 0.3031, 0.2841



40.5859, 0.3341, 0.3001

Triad

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



40.5859, 0.3031, 0.2841



40.5859, 0.3687, 0.3706



40.5859, 0.2669, 0.3324

Complementary

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



40.5859, 0.3031, 0.2841



52.2550, 0.3208, 0.3750

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.



40.5859, 0.2901, 0.3607



40.5859, 0.3031, 0.2841



40.5859, 0.3489, 0.3828

Square

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



40.5859, 0.3031, 0.2841



40.5859, 0.3731, 0.3486



40.5859, 0.3200, 0.3796



40.5859, 0.2559, 0.3047

Rectangle

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



40.5859, 0.3031, 0.2841



40.5859, 0.3527, 0.3149



40.5859, 0.3200, 0.3796



40.5859, 0.2735, 0.3422

Sweetspot

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



40.5876, 0.3031, 0.2841



91.2478, 0.3102, 0.3167



43.0760, 0.2849, 0.3001



19.2770, 0.3099, 0.3149



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.



40.5876, 0.3031, 0.2841



66.8911, 0.3008, 0.2743



42.0895, 0.3183, 0.2905



10.6126, 0.3080, 0.3058



5.5176, 0.2305, 0.1044



0.3015, 0.2495, 0.1148

Inverse Universe

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



41.3320, 0.3343, 0.3125



68.4799, 0.3398, 0.3089



50.9635, 0.3076, 0.3708



10.7009, 0.3232, 0.3205



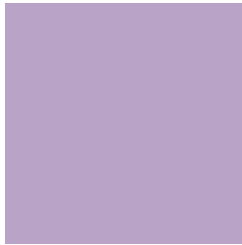
8.1392, 0.5473, 0.2789



0.3994, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 40.5859, 0.3031, 0.2841 looks on a white background.

Color Contrast Check

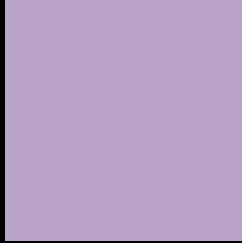
Large Text (above 18pt) WCAG AA × Fail

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 40.5859, 0.3031, 0.2841 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 40.5859, 0.3031, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 40.5859, 0.3031, 0.2841.



This preview shows how white text looks on a background with the Yxy color 40.5859, 0.3031, 0.2841.

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

40.5859, 0.3031, 0.2841

Protanopia

40.5327, 0.2823, 0.2849

Deuteranopia

40.7826, 0.2952, 0.2895



Tritanopia

40.4722, 0.3163, 0.3117

Trichromacy



Original Color

40.5859, 0.3031, 0.2841

Protanomaly

40.6251, 0.2895, 0.2843

Deuteranomaly

40.8874, 0.2986, 0.2886

Tritanomaly

40.5227, 0.3113, 0.3014

Monochromacy



Original Color

40.5859, 0.3031, 0.2841

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6333, 0.3091, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5859, 0.3031, 0.2841 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(185, 163, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 163, 198)  
}
```

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(185, 163, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 163, 198) }
```

Border

The CSS property to change the border of an element to Yxy 40.5859, 0.3031, 0.2841 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(185, 163, 198) }
```

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

```
.border{ border-color:rgb(185, 163, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 163, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 163, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 163, 198);  
box-shadow:4px 4px 4px 4px rgb(185, 163,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5859, 0.3031, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 163, 198) }
```

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

```
.background{ background-color: rgb(185,  
163, 198) }
```

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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