

Converting Colors

$Y_{xy}(40.5330, 0.3124, 0.2987)$

Have a look what the booklet for
Yxy(40.5330, 0.3124, 0.2987)
contains.

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Color

Yxy(40.4531, 0.3123, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	B9A4BB
RGB	185, 164, 187
RGB Percent	73%, 64%, 73%
CMY	0.2745, 0.3568, 0.2667
CMYK	0.01, 0.12, 0.00, 0.27
HSL	295°, 14%, 69%
HSV	295°, 12%, 73%
XYZ	42.2525, 40.4531, 52.5890
YIQ	172.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

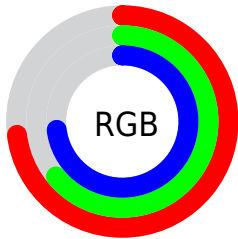
Format	Color
<code>RGB</code>	<code>185, 164, 187</code>
Decimal	<code>12166331</code>
CIE Lab	<code>69.79, 11.81, -9.00</code>
CIE LCh	<code>70, 14.851, 322.682</code>
Yxy	<code>40.4531, 0.3123, 0.2990</code>
Android (<code>android.graphics.Color</code>)	<code>4290356411 (0xFFB9A4BB)</code>
YUV	<code>172.9010, 6.9508, 10.6108</code>
Hunter-Lab	<code>63.6028, 7.2761, -4.5012</code>

Details

The Yxy color $40.4531, 0.3123, 0.2990$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.3229, 0.3129, 0.3606$, and the grayscale version is $41.6990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8349, 0.3124, 0.3046$, and $18.2151, 0.3120, 0.2898$ is the 20% darker color. If you saturate the color by 10%, you get $34.0469, 0.3117, 0.2738$, and if you desaturate by 10%, it is $47.8491, 0.3127, 0.3235$.

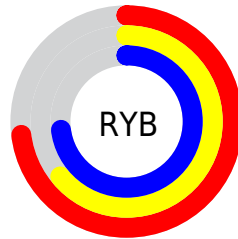
Distribution



Red (73%)

Green (64%)

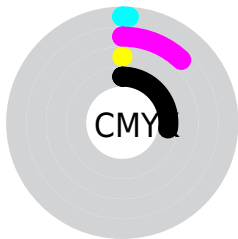
Blue (73%)



Red (73%)

Yellow (64%)

Blue (73%)

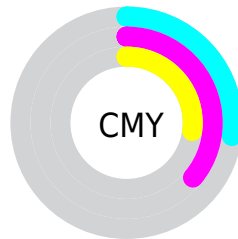


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4531, 0.3123, 0.2990 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 40.4531, 0.3123, 0.2990 by changing the saturation by 10% instead.


 40.4531, 0.3123,
0.2990


 40.4531, 0.3123,
0.2990


348.0296, 0.3127,
0.3140

 27.8920, 0.3122,
0.2952


 75.8530, 0.3125,
0.3045

 18.2443, 0.3120,
0.2904


 99.4606, 0.3125,
0.3065

 11.1255, 0.3117,
0.2840


127.5191, 0.3126,
0.3083

 6.1513, 0.3111,
0.2750

160.4129, 0.3126,
0.3097

 2.9373, 0.3101,
0.2615

198.5265, 0.3126,
0.3110

 1.0991, 0.3078,
0.2392

242.2442, 0.3126,


 0.0000, 0.3059,


0.3122


0.0000


291.9505, 0.3126,
0.3131

 0.0000, 0.0000,
0.0000


 40.4531, 0.3123,
0.2990


 40.4531, 0.3123,
0.2990

 34.0469, 0.3117,
0.2738


 47.8491, 0.3127,
0.3235

 28.5824, 0.3109,
0.2486

 56.2698, 0.3128,
0.3469

 24.0156, 0.3098,
0.2243

 65.7549, 0.3129,
0.3688

 20.2966, 0.3085,
0.2017

 76.3404, 0.3128,
0.3890

 17.3707, 0.3069,
0.1819

 86.4554, 0.3128,
0.4052

■ 15.1771, 0.3051,
0.1657

■ 86.6689, 0.3138,
0.4050

■ 13.6457, 0.3031,
0.1537

■ 86.8848, 0.3148,
0.4047

■ 12.6931, 0.3010,
0.1460

■ 87.1029, 0.3158,
0.4045

■ 12.2276, 0.2993,
0.1422

■ 87.3235, 0.3168,
0.4043

Harmonies

Analogous

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



40.4531, 0.2914, 0.2928



40.4531, 0.3123, 0.2990



40.4531, 0.3340, 0.3125

Triad

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



40.4531, 0.3123, 0.2990



40.4531, 0.3497, 0.3623



40.4531, 0.2765, 0.3258

Complementary

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



40.4531, 0.3123, 0.2990



46.3229, 0.3129, 0.3606

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.



40.4531, 0.2912, 0.3461



40.4531, 0.3123, 0.2990



40.4531, 0.3334, 0.3676

Square

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



40.4531, 0.3123, 0.2990



40.4531, 0.3560, 0.3484



40.4531, 0.3120, 0.3618



40.4531, 0.2713, 0.3073

Rectangle

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



40.4531, 0.3123, 0.2990



40.4531, 0.3457, 0.3241



40.4531, 0.3120, 0.3618



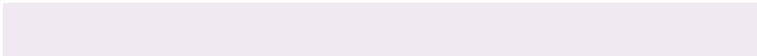
40.4531, 0.2805, 0.3327

Sweetspot

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



40.4548, 0.3123, 0.2990



83.2284, 0.3126, 0.3193



38.8631, 0.2936, 0.3005



18.0987, 0.3126, 0.3174



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.



40.4548, 0.3123, 0.2990



68.8965, 0.3122, 0.2916



40.3222, 0.3222, 0.3109



9.6533, 0.3124, 0.3063



8.4416, 0.2996, 0.1424



0.3431, 0.3050, 0.1454

Inverse Universe

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



39.8688, 0.3328, 0.3264



67.6280, 0.3385, 0.3258



46.4544, 0.3043, 0.3478



9.5494, 0.3275, 0.3271



7.3100, 0.6289, 0.3238



0.2909, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 40.4531, 0.3123, 0.2990 looks on a white background.

Color Contrast Check

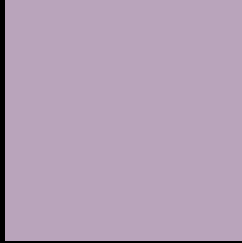
Large Text (above 18pt) WCAG AA × Fail

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 40.4531, 0.3123, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

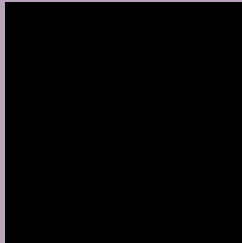
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4531, 0.3123, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 40.4531, 0.3123, 0.2990.



This preview shows how white text looks on a background with the Yxy color 40.4531, 0.3123, 0.2990.

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

40.4531, 0.3123, 0.2990

Protanopia

40.4185, 0.2947, 0.3006

Deuteranopia

40.5636, 0.3077, 0.3012



Tritanopia

40.3150, 0.3191, 0.3118

Trichromacy



Original Color

40.4531, 0.3123, 0.2990

Protanomaly

40.3102, 0.3007, 0.2996

Deuteranomaly

40.4432, 0.3095, 0.3001

Tritanomaly

40.4368, 0.3165, 0.3079

Monochromacy



Original Color

40.4531, 0.3123, 0.2990

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3109, 0.3123, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4531, 0.3123, 0.2990 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, 164, 187)` looks like.

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

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, 164, 187) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 40.4531, 0.3123, 0.2990 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, 164, 187) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 40.4531, 0.3123, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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