

Converting Colors

$Y_{xy}(41.5009, 0.3019, 0.2858)$

Have a look what the booklet for
Yxy(41.5009, 0.3019, 0.2858)
contains.

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Color

Yxy(41.3481, 0.3022, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	B9A5C7
RGB	185, 165, 199
RGB Percent	73%, 65%, 78%
CMY	0.2746, 0.3529, 0.2196
CMYK	0.07, 0.17, 0.00, 0.22
HSL	275°, 23%, 71%
HSV	275°, 17%, 78%
XYZ	43.7667, 41.3481, 59.7122
YIQ	174.8560, 1.0060, 14.8140

Conversions

Conversions Part 2

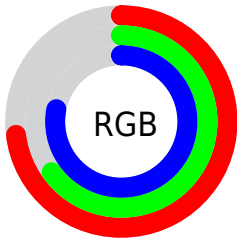
Format	Color
R_{YB}	185, 165, 199
Decimal	12166599
CIE _{Lab}	70.42, 13.61, -14.71
CIE _{LCh}	70, 20.037, 312.778
Yxy	41.3481, 0.3022, 0.2855
Android (android.graphics.Color)	4290356679 (0xFFB9A5C7)
YUV	174.8560, 11.9030, 8.8963
Hunter-Lab	64.3025, 8.9645, -10.0458

Details

The Yxy color $41.3481, 0.3022, 0.2855$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $53.1583, 0.3217, 0.3732$, and the grayscale version is $42.7279, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.1072, 0.3047, 0.2940$, and $18.7601, 0.2992, 0.2734$ is the 20% darker color. If you saturate the color by 10%, you get $33.7273, 0.2946, 0.2579$, and if you desaturate by 10%, it is $50.1486, 0.3087, 0.3116$.

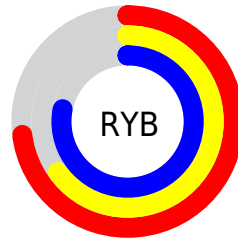
Distribution



Red (73%)

Green (65%)

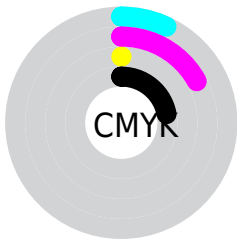
Blue (78%)



Red (73%)

Yellow (65%)

Blue (78%)

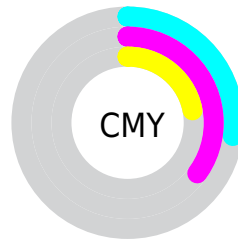


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3481, 0.3022, 0.2855 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 41.3481, 0.3022, 0.2855 by changing the saturation by 10% instead.


 41.3481, 0.3022,
0.2855

 41.3481, 0.3022,
0.2855


351.7734, 0.3078,
0.3070

 28.5912, 0.3007,
0.2802


 77.2120, 0.3043,
0.2933

 18.7718, 0.2987,
0.2734


 101.0879, 0.3051,
0.2962

 11.5055, 0.2960,
0.2645


129.4388, 0.3057,
0.2987

 6.4079, 0.2921,
0.2523

162.6491, 0.3062,
0.3008

 3.0947, 0.2859,
0.2344

201.1034, 0.3067,
0.3027

 1.1814, 0.2747,
0.2060

245.1859, 0.3071,

 0.0464, 0.2499,

0.3043

0.0308

295.2811, 0.3075,
0.3058

0.0000, 0.0000,
0.0000

41.3481, 0.3022,
0.2855

41.3481, 0.3022,
0.2855

33.7273, 0.2946,
0.2579

50.1486, 0.3087,
0.3116

27.2284, 0.2859,
0.2295

60.1726, 0.3142,
0.3359

21.7967, 0.2763,
0.2010

71.4682, 0.3188,
0.3581

17.3704, 0.2658,
0.1738

84.0791, 0.3226,
0.3783

13.8816, 0.2548,
0.1492

91.8229, 0.3269,
0.3875

■ 11.2532, 0.2436,
0.1283

■ 93.1840, 0.3322,
0.3865

■ 9.3958, 0.2328,
0.1122

■ 94.6098, 0.3376,
0.3855

■ 8.1877, 0.2227,
0.1012

■ 96.1009, 0.3431,
0.3845

■ 7.8937, 0.2199,
0.0985

■ 96.9040, 0.3460,
0.3840

Harmonies

Analogous

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



41.3481, 0.2766, 0.2808



41.3481, 0.3022, 0.2855



41.3481, 0.3318, 0.3004

Triad

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



41.3481, 0.3022, 0.2855



41.3481, 0.3667, 0.3680



41.3481, 0.2698, 0.3336

Complementary

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



41.3481, 0.3022, 0.2855



53.1583, 0.3217, 0.3732

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.



41.3481, 0.2924, 0.3603



41.3481, 0.3022, 0.2855



41.3481, 0.3485, 0.3801

Square

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



41.3481, 0.3022, 0.2855



41.3481, 0.3701, 0.3467



41.3481, 0.3211, 0.3778



41.3481, 0.2586, 0.3070

Rectangle

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



41.3481, 0.3022, 0.2855



41.3481, 0.3497, 0.3145



41.3481, 0.3211, 0.3778



41.3481, 0.2762, 0.3430

Sweetspot

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



41.3499, 0.3022, 0.2855



91.1482, 0.3099, 0.3166



44.4367, 0.2860, 0.3027



19.2528, 0.3095, 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.



41.3499, 0.3022, 0.2855



67.8877, 0.2999, 0.2768



43.0523, 0.3171, 0.2905



10.5899, 0.3073, 0.3058



5.1277, 0.2212, 0.0992



0.2845, 0.2417, 0.1105

Inverse Universe

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



42.3155, 0.3322, 0.3113



69.8853, 0.3366, 0.3078



51.6735, 0.3086, 0.3708



10.7084, 0.3226, 0.3195



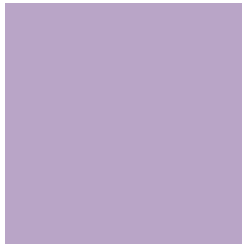
8.2177, 0.5303, 0.2695



0.4035, 0.4762, 0.2397

Previews

White Background



This preview shows how the Yxy color 41.3481, 0.3022, 0.2855 looks on a white background.

Color Contrast Check

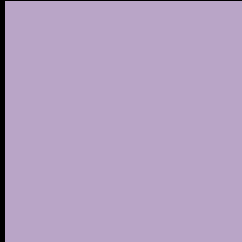
Large Text (above 18pt) WCAG AA × Fail

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 41.3481, 0.3022, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

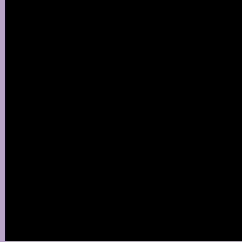
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3481, 0.3022, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 41.3481, 0.3022, 0.2855.



This preview shows how white text looks on a background with the Yxy color 41.3481, 0.3022, 0.2855.

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

41.3481, 0.3022, 0.2855

Protanopia

41.5446, 0.2833, 0.2866

Deuteranopia

41.4296, 0.2961, 0.2898



Tritanopia

41.2865, 0.3144, 0.3118

Trichromacy



Original Color

41.3481, 0.3022, 0.2855

Protanomaly

41.5244, 0.2897, 0.2858

Deuteranomaly

41.4179, 0.2987, 0.2888

Tritanomaly

41.3356, 0.3095, 0.3015

Monochromacy



Original Color

41.3481, 0.3022, 0.2855

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1702, 0.3091, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3481, 0.3022, 0.2855 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, 165, 199)` looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 199)  
}
```

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, 165, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 199) }
```

Border

The CSS property to change the border of an element to Yxy 41.3481, 0.3022, 0.2855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

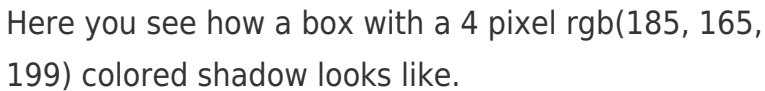
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 165, 199) }
```

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

```
.border{ border-color:rgb(185, 165, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 165, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 165, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 165, 199); box-shadow:4px 4px 4px 4px rgb(185, 165, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3481, 0.3022, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 199) }
```

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

```
.background{ background-color: rgb(185,  
165, 199) }
```

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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