

Converting Colors

$Yxy(42.9614, 0.2806, 0.2546)$

Have a look what the booklet for
Yxy(42.9614, 0.2806, 0.2546)
contains.

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Color

Yxy(43.1328, 0.2809, 0.2550)

Conversions

Conversions Part 1

Format	Color
Hex	B9A6E3
RGB	185, 166, 227
RGB Percent	73%, 65%, 89%
CMY	0.2744, 0.3490, 0.1098
CMYK	0.18, 0.27, 0.00, 0.11
HSL	259°, 52%, 77%
HSV	259°, 27%, 89%
XYZ	47.5137, 43.1328, 78.5017
YIQ	178.6350, -8.2570, 22.9990

Conversions

Conversions Part 2

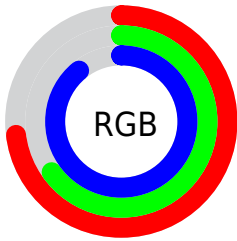
Format	Color
R_{YB}	185, 166, 227
Decimal	12166883
CIE Lab	71.65, 19.04, -28.22
CIE LCh	72, 34.048, 304.007
Yxy	43.1328, 0.2809, 0.2550
Android (android.graphics.Color)	4290356963 (0xFFB9A6E3)
YUV	178.6350, 23.8439, 5.5821
Hunter-Lab	65.6756, 14.2056, -24.8962

Details

The Yxy color $43.1328, 0.2809, 0.2550$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71.1049, 0.3390, 0.3993$, and the grayscale version is $44.7516, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8101, 0.3053, 0.2951$, and $19.8002, 0.2716, 0.2366$ is the 20% darker color. If you saturate the color by 10%, you get $33.7595, 0.2661, 0.2235$, and if you desaturate by 10%, it is $54.1798, 0.2941, 0.2846$.

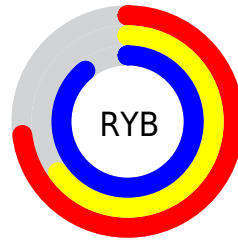
Distribution



Red (73%)

Green (65%)

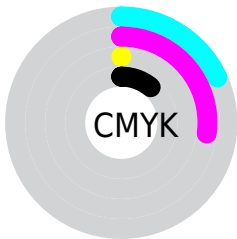
Blue (89%)



Red (73%)

Yellow (65%)

Blue (89%)

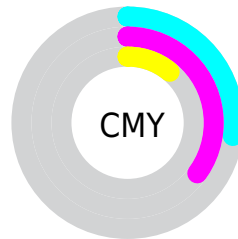


Cyan (18%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (27%)


Magenta (35%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1328, 0.2809, 0.2550 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 43.1328, 0.2809, 0.2550 by changing the saturation by 10% instead.


 43.1328, 0.2809,
0.2550


 43.1328, 0.2809,
0.2550


359.1576, 0.2973,
0.2906

 29.9893, 0.2767,
0.2466


 79.9112, 0.2869,
0.2676

 19.8305, 0.2713,
0.2361


 104.3150, 0.2892,
0.2724

 12.2719, 0.2641,
0.2227


133.2409, 0.2911,
0.2765

 6.9291, 0.2541,
0.2049

167.0735, 0.2927,
0.2801

 3.4178, 0.2392,
0.1804

206.1970, 0.2941,
0.2832

 1.3536, 0.2156,
0.1454

250.9960, 0.2953,

 0.1821, 0.1789,

0.2859

0.0511

301.8547, 0.2963,
0.2884

0.0000, 0.0000,
0.0000

43.1328, 0.2809,
0.2550

43.1328, 0.2809,
0.2550

33.7595, 0.2661,
0.2235

54.1798, 0.2941,
0.2846

25.9711, 0.2499,
0.1912

66.9726, 0.3057,
0.3118

19.6785, 0.2329,
0.1595

81.5857, 0.3157,
0.3364

14.7815, 0.2158,
0.1302

96.9338, 0.3243,
0.3566

11.1670, 0.1996,
0.1053

98.3267, 0.3292,
0.3562

■ 8.7035, 0.1853,
0.0864

■ 7.2235, 0.1737,
0.0742

■ 6.8784, 0.1705,
0.0713

Harmonies

Analogous

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



43.1328, 0.2440, 0.2520



43.1328, 0.2809, 0.2550



43.1328, 0.3294, 0.2744

Triad

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



43.1328, 0.2809, 0.2550



43.1328, 0.4075, 0.3817



43.1328, 0.2507, 0.3500

Complementary

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



43.1328, 0.2809, 0.2550



71.1049, 0.3390, 0.3993

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.



43.1328, 0.2910, 0.3945



43.1328, 0.2809, 0.2550



43.1328, 0.3822, 0.4098

Square

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



43.1328, 0.2809, 0.2550



43.1328, 0.4059, 0.3440



43.1328, 0.3392, 0.4168



43.1328, 0.2277, 0.3023

Rectangle

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



43.1328, 0.2809, 0.2550



43.1328, 0.3620, 0.2944



43.1328, 0.3392, 0.4168



43.1328, 0.2626, 0.3662

Sweetspot

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



43.1346, 0.2809, 0.2550



85.1019, 0.3044, 0.3088



59.1102, 0.2714, 0.3066



17.6525, 0.3028, 0.3048



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.



43.1346, 0.2809, 0.2550



49.3819, 0.2732, 0.2384



47.2355, 0.3055, 0.2601



14.1041, 0.3029, 0.3050



4.0656, 0.1719, 0.0721



0.3483, 0.1876, 0.0807

Inverse Universe

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



48.1568, 0.3319, 0.2819



56.9889, 0.3368, 0.2723



67.1858, 0.3174, 0.4042



14.5347, 0.3185, 0.3130



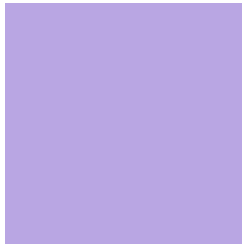
10.9502, 0.4188, 0.2081



0.8257, 0.4010, 0.1983

Previews

White Background



This preview shows how the Yxy color 43.1328, 0.2809, 0.2550 looks on a white background.

Color Contrast Check

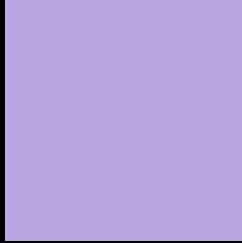
Large Text (above 18pt) WCAG AA × Fail

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 43.1328, 0.2809, 0.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

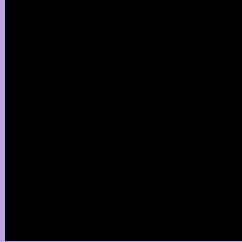
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1328, 0.2809, 0.2550

Background



This preview shows how black text looks on a background with the Yxy color 43.1328, 0.2809, 0.2550.



This preview shows how white text looks on a background with the Yxy color 43.1328, 0.2809, 0.2550.

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

43.1328, 0.2809, 0.2550

Protanopia

43.1413, 0.2582, 0.2535

Deuteranopia

43.1030, 0.2675, 0.2608



Tritanopia

42.9400, 0.3057, 0.3105

Trichromacy



Original Color

43.1328, 0.2809, 0.2550

Protanomaly

42.8438, 0.2655, 0.2531

Deuteranomaly

43.1247, 0.2725, 0.2592

Tritanomaly

42.8375, 0.2964, 0.2880

Monochromacy



Original Color

43.1328, 0.2809, 0.2550

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.0814, 0.3011, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1328, 0.2809, 0.2550 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, 166, 227)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 227)  
}
```

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, 166, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 227) }
```

Border

The CSS property to change the border of an element to Yxy 43.1328, 0.2809, 0.2550 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, 166, 227) }
```

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

```
.border{ border-color:rgb(185, 166, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 227);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1328, 0.2809, 0.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 227) }
```

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

```
.background{ background-color: rgb(185,  
166, 227) }
```

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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