

Converting Colors

$Y_{xy}(43.9354, 0.2825, 0.2587)$

Have a look what the booklet for
Yxy(43.9354, 0.2825, 0.2587)
contains.

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Color

Yxy(43.9354, 0.2825, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	BAA8E2
RGB	186, 168, 226
RGB Percent	73%, 66%, 89%
CMY	0.2707, 0.3411, 0.1136
CMYK	0.18, 0.26, 0.00, 0.11
HSL	259°, 50%, 77%
HSV	259°, 26%, 89%
XYZ	47.9774, 43.9354, 77.9187
YIQ	179.9940, -7.8900, 21.8540

Conversions

Conversions Part 2

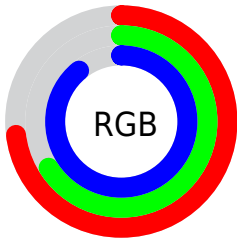
Format	Color
R _Y B	186, 168, 226
Decimal	12232930
CIE Lab	72.19, 18.00, -26.85
CIE LCh	72, 32.324, 303.840
Yxy	43.9354, 0.2825, 0.2587
Android (android.graphics.Color)	4290423010 (0xFFBAA8E2)
YUV	179.9940, 22.6810, 5.2673
Hunter-Lab	66.2838, 13.2049, -23.2986

Details

The Yxy color $43.9354, 0.2825, 0.2587$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70.6506, 0.3379, 0.3959$, and the grayscale version is $45.5176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.0500, 0.3060, 0.2972$, and $20.2986, 0.2738, 0.2415$ is the 20% darker color. If you saturate the color by 10%, you get $34.4555, 0.2678, 0.2274$, and if you desaturate by 10%, it is $55.0827, 0.2956, 0.2881$.

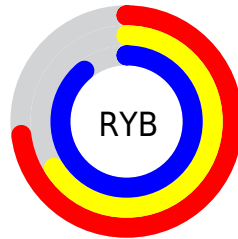
Distribution



Red (73%)

Green (66%)

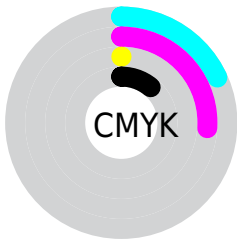
Blue (89%)



Red (73%)

Yellow (66%)

Blue (89%)

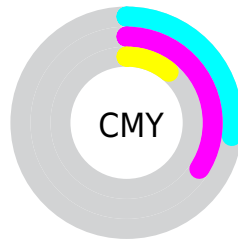


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (27%)


Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9354, 0.2825, 0.2587 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 43.9354, 0.2825, 0.2587 by changing the saturation by 10% instead.


 43.9354, 0.2825,
0.2587


 43.9354, 0.2825,
0.2587


362.4446, 0.2980,
0.2925

 30.6197, 0.2786,
0.2507


 81.1205, 0.2882,
0.2707

 20.3095, 0.2735,
0.2407


 105.7588, 0.2903,
0.2752

 12.6202, 0.2667,
0.2279


134.9400, 0.2921,
0.2792

 7.1675, 0.2572,
0.2109

169.0486, 0.2936,
0.2825

 3.5671, 0.2432,
0.1874

208.4690, 0.2950,
0.2855

 1.4345, 0.2209,
0.1535

253.5855, 0.2961,

 0.2419, 0.1862,

0.2881

0.0673

304.7826, 0.2971,
0.2904

■ 0.0000, 0.0000,
0.0000

■ 43.9354, 0.2825,
0.2587

■ 43.9354, 0.2825,
0.2587

■ 34.4555, 0.2678,
0.2274

■ 55.0827, 0.2956,
0.2881

■ 26.5558, 0.2517,
0.1951

■ 67.9681, 0.3070,
0.3149

■ 20.1490, 0.2348,
0.1632

■ 82.6648, 0.3168,
0.3392

■ 15.1372, 0.2176,
0.1335

■ 97.0393, 0.3255,
0.3575

■ 11.4103, 0.2012,
0.1079

■ 98.2722, 0.3297,
0.3571

■ 8.8406, 0.1866,
0.0882

■ 7.2725, 0.1747,
0.0753

■ 6.7942, 0.1703,
0.0712

Harmonies

Analogous

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



43.9354, 0.2475, 0.2560



43.9354, 0.2825, 0.2587



43.9354, 0.3283, 0.2770

Triad

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



43.9354, 0.2825, 0.2587



43.9354, 0.4023, 0.3790



43.9354, 0.2543, 0.3491

Complementary

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



43.9354, 0.2825, 0.2587



70.6506, 0.3379, 0.3959

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.



43.9354, 0.2926, 0.3907



43.9354, 0.2825, 0.2587



43.9354, 0.3788, 0.4054

Square

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



43.9354, 0.2825, 0.2587



43.9354, 0.4005, 0.3433



43.9354, 0.3382, 0.4116



43.9354, 0.2322, 0.3043

Rectangle

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



43.9354, 0.2825, 0.2587



43.9354, 0.3590, 0.2961



43.9354, 0.3382, 0.4116



43.9354, 0.2656, 0.3643

Sweetspot

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



43.9372, 0.2825, 0.2587



85.0941, 0.3044, 0.3088



59.2322, 0.2733, 0.3078



17.6505, 0.3027, 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.



43.9372, 0.2825, 0.2587



50.5898, 0.2746, 0.2416



47.8606, 0.3059, 0.2634



13.4481, 0.3029, 0.3051



3.9305, 0.1717, 0.0720



0.3187, 0.1884, 0.0812

Inverse Universe

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



48.7382, 0.3308, 0.2840



58.0334, 0.3357, 0.2739



66.8893, 0.3173, 0.4004



13.8596, 0.3185, 0.3130



10.6161, 0.4179, 0.2076



0.7517, 0.3993, 0.1973

Previews

White Background



This preview shows how the Yxy color 43.9354, 0.2825, 0.2587 looks on a white background.

Color Contrast Check

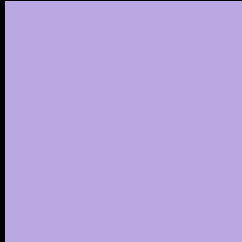
Large Text (above 18pt) WCAG AA × Fail

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 43.9354, 0.2825, 0.2587 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 43.9354, 0.2825, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 43.9354, 0.2825, 0.2587.



This preview shows how white text looks on a background with the Yxy color 43.9354, 0.2825, 0.2587.

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

43.9354, 0.2825, 0.2587

Protanopia

44.1108, 0.2619, 0.2587

Deuteranopia

44.1434, 0.2706, 0.2649



Tritanopia

43.9178, 0.3049, 0.3107

Trichromacy



Original Color

43.9354, 0.2825, 0.2587

Protanomaly

43.8201, 0.2693, 0.2582

Deuteranomaly

44.0553, 0.2749, 0.2632

Tritanomaly

43.7144, 0.2973, 0.2907

Monochromacy



Original Color

43.9354, 0.2825, 0.2587

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0270, 0.3012, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9354, 0.2825, 0.2587 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(186, 168, 226)` looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 226)  
}
```

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(186, 168, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 226) }
```

Border

The CSS property to change the border of an element to Yxy 43.9354, 0.2825, 0.2587 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(186, 168, 226) }
```

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

```
.border{ border-color:rgb(186, 168, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 168, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 226);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9354, 0.2825, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 226) }
```

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

```
.background{ background-color: rgb(186,  
168, 226) }
```

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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