

Converting Colors

$Y_{xy}(43.6232, 0.2673, 0.2381)$

Have a look what the booklet for
Yxy(43.6232, 0.2673, 0.2381)
contains.

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Color

Yxy(43.5673, 0.2670, 0.2380)

Conversions

Conversions Part 1

Format	Color
Hex	B5A6F3
RGB	181, 166, 243
RGB Percent	71%, 65%, 95%
CMY	0.2900, 0.3491, 0.0471
CMYK	0.25, 0.32, 0.00, 0.05
HSL	252°, 76%, 80%
HSV	252°, 32%, 95%
XYZ	48.8759, 43.5673, 90.6127
YIQ	179.2630, -15.7770, 27.1270

Conversions

Conversions Part 2

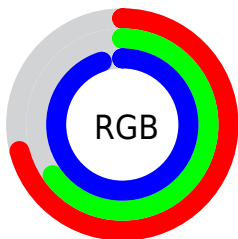
Format	Color
R_{YB}	181, 166, 243
Decimal	11904755
CIE _{Lab}	71.94, 21.54, -36.50
CIE _{LCh}	72, 42.383, 300.538
Yxy	43.5673, 0.2670, 0.2380
Android (android.graphics.Color)	4290094835 (0xFFB5A6F3)
YUV	179.2630, 31.4223, 1.5233
Hunter-Lab	66.0055, 16.6664, -35.1897

Details

The Yxy color $43.5673, 0.2670, 0.2380$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $83.3250, 0.3499, 0.4112$, and the grayscale version is $45.0662, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.1100, 0.3026, 0.2948$, and $20.1345, 0.2538, 0.2153$ is the 20% darker color. If you saturate the color by 10%, you get $33.3543, 0.2490, 0.2046$, and if you desaturate by 10%, it is $55.7839, 0.2834, 0.2697$.

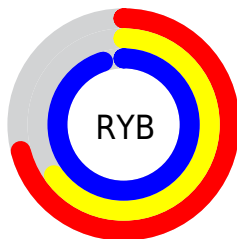
Distribution



Red (71%)

Green (65%)

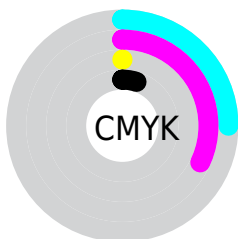
Blue (95%)



Red (71%)

Yellow (65%)

Blue (95%)

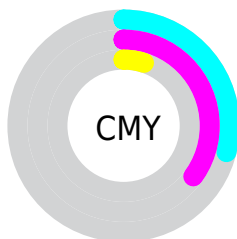


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (5%)



Cyan (29%)


Magenta (35%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5673, 0.2670, 0.2380 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 43.5673, 0.2670, 0.2380 by changing the saturation by 10% instead.


 43.5673, 0.2670,
0.2380

 43.5673, 0.2670,
0.2380


360.9396, 0.2902,
0.2810

 30.3305, 0.2612,
0.2281


 80.5662, 0.2755,
0.2530

 20.0896, 0.2538,
0.2158


 105.0971, 0.2786,
0.2588

 12.4602, 0.2441,
0.2004


134.1615, 0.2813,
0.2639

 7.0579, 0.2309,
0.1804

168.1438, 0.2836,
0.2682

 3.4983, 0.2121,
0.1539

207.4284, 0.2856,
0.2720

 1.3971, 0.1838,
0.1180

252.3996, 0.2874,


 0.2146, 0.1426,

0.2754


0.0419


303.4419, 0.2889,
0.2784


 0.0000, 0.0000,
0.0000


 43.5673, 0.2670,
0.2380


 43.5673, 0.2670,
0.2380

 33.3543, 0.2490,
0.2046


 55.7839, 0.2834,
0.2697


 25.0319, 0.2301,
0.1708


 70.0988, 0.2980,
0.2987

 18.4834, 0.2111,
0.1384

 86.6067, 0.3107,
0.3249

 13.5772, 0.1931,
0.1099

 99.2500, 0.3197,
0.3405

 10.1625, 0.1776,
0.0872

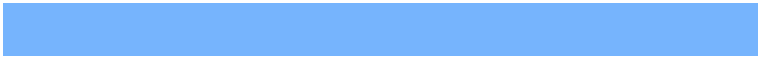
■ 8.0600, 0.1655,
0.0720

■ 7.0869, 0.1584,
0.0646

Harmonies

Analogous

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



43.5673, 0.2252, 0.2362



43.5673, 0.2670, 0.2380



43.5673, 0.3255, 0.2592

Triad

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



43.5673, 0.2670, 0.2380



43.5673, 0.4313, 0.3864



43.5673, 0.2410, 0.3619

Complementary

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



43.5673, 0.2670, 0.2380



83.3250, 0.3499, 0.4112

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.



43.5673, 0.2915, 0.4171



43.5673, 0.2670, 0.2380



43.5673, 0.4024, 0.4247

Square

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



43.5673, 0.2670, 0.2380



43.5673, 0.4260, 0.3401



43.5673, 0.3507, 0.4397



43.5673, 0.2111, 0.3009

Rectangle

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



43.5673, 0.2670, 0.2380



43.5673, 0.3668, 0.2819



43.5673, 0.3507, 0.4397



43.5673, 0.2560, 0.3824

Sweetspot

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



43.5690, 0.2670, 0.2380



81.1108, 0.3003, 0.3033



70.5413, 0.2654, 0.3126



16.8358, 0.2984, 0.2994



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.



43.5690, 0.2670, 0.2380



41.0612, 0.2556, 0.2167



48.7376, 0.2964, 0.2453



16.0827, 0.3010, 0.3047



3.9340, 0.1594, 0.0652



0.3866, 0.1704, 0.0712

Inverse Universe

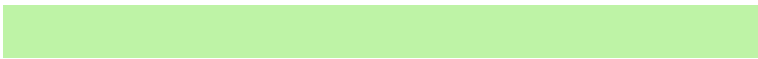
The Inverse Universe completely reimagines the original color for something new.



51.9180, 0.3287, 0.2643



51.8067, 0.3328, 0.2512



77.8386, 0.3239, 0.4185



16.7095, 0.3168, 0.3102



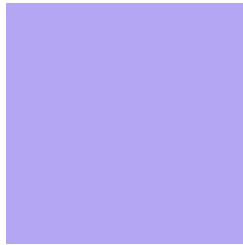
12.6516, 0.3776, 0.1854



1.1258, 0.3691, 0.1807

Previews

White Background



This preview shows how the Yxy color 43.5673, 0.2670, 0.2380 looks on a white background.

Color Contrast Check

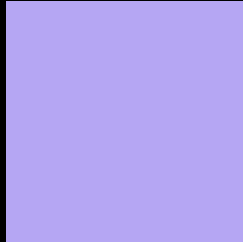
Large Text (above 18pt) WCAG AA × Fail

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 43.5673, 0.2670, 0.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

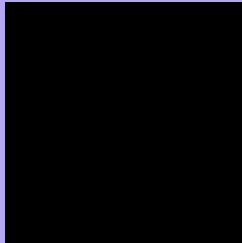
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5673, 0.2670, 0.2380

Background



This preview shows how black text looks on a background with the Yxy color 43.5673, 0.2670, 0.2380.



This preview shows how white text looks on a background with the Yxy color 43.5673, 0.2670, 0.2380.

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

43.5673, 0.2670, 0.2380

Protanopia

43.8840, 0.2453, 0.2373

Deuteranopia

43.6909, 0.2517, 0.2459



Tritanopia

43.4263, 0.2974, 0.3103

Trichromacy



Original Color

43.5673, 0.2670, 0.2380

Protanomaly

43.6278, 0.2524, 0.2370

Deuteranomaly

43.5360, 0.2567, 0.2424

Tritanomaly

43.2225, 0.2862, 0.2816

Monochromacy



Original Color

43.5673, 0.2670, 0.2380

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2397, 0.2956, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5673, 0.2670, 0.2380 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(181, 166, 243)` looks like.

```
.text, #text, p{  
    color:rgb(181, 166, 243)  
}
```

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(181, 166, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 166, 243) }
```

Border

The CSS property to change the border of an element to Yxy 43.5673, 0.2670, 0.2380 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(181, 166, 243) }
```

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

```
.border{ border-color:rgb(181, 166, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 166, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 166, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 166, 243);  
box-shadow:4px 4px 4px 4px rgb(181, 166,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5673, 0.2670, 0.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 166, 243) }
```

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

```
.background{ background-color: rgb(181,  
166, 243) }
```

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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