

Converting Colors

$Yxy(47.5462, 0.2639, 0.2356)$

Have a look what the booklet for
Yxy(47.5462, 0.2639, 0.2356)
contains.

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Color

Yxy(47.5462, 0.2639, 0.2356)

Conversions

Conversions Part 1

Format	Color
Hex	BAADFF
RGB	186, 173, 255
RGB Percent	73%, 68%, 100%
CMY	0.2704, 0.3216, 0.0000
CMYK	0.27, 0.32, 0.00, 0.00
HSL	250°, 100%, 84%
HSV	250°, 32%, 100%
XYZ	53.2574, 47.5462, 101.0054
YIQ	186.2350, -18.5740, 28.2580

Conversions

Conversions Part 2

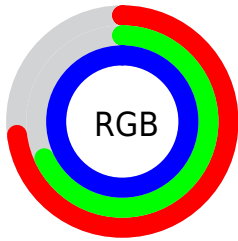
Format	Color
R _Y B	186, 173, 255
Decimal	12234239
CIE Lab	74.54, 21.96, -38.96
CIE LCh	75, 44.719, 299.410
Yxy	47.5462, 0.2639, 0.2356
Android (android.graphics.Color)	4290424319 (0xFFBAADFF)
YUV	186.2350, 33.9011, -0.2061
Hunter-Lab	68.9538, 17.1979, -38.5820

Details

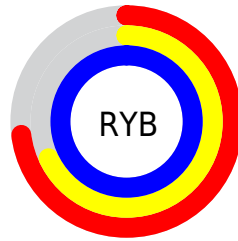
The Yxy color **47.5462, 0.2639, 0.2356** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.3997, 0.3525, 0.4121**, and the grayscale version is **49.0584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7615, 0.3059, 0.3022**, and **22.5773, 0.2505, 0.2143** is the 20% darker color. If you saturate the color by 10%, you get **36.1962, 0.2452, 0.2017**, and if you desaturate by 10%, it is **61.1644, 0.2812, 0.2678**.

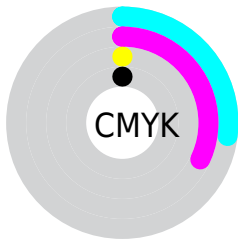
Distribution



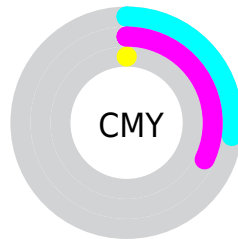
- Red (73%)
- Green (68%)
- Blue (100%)



- Red (73%)
- Yellow (68%)
- Blue (100%)



- Cyan (27%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5462, 0.2639, 0.2356 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 47.5462, 0.2639, 0.2356 by changing the saturation by 10% instead.


 47.5462, 0.2639,
0.2356

 47.5462, 0.2639,
0.2356


376.9905, 0.2883,
0.2790

 33.4677, 0.2580,
0.2258


 86.5284, 0.2727,
0.2506

 22.4849, 0.2505,
0.2138


112.2008, 0.2760,
0.2565

 14.2137, 0.2408,
0.1988


142.5066, 0.2788,
0.2615

 8.2694, 0.2277,
0.1796

177.8302, 0.2812,
0.2659

 4.2678, 0.2096,
0.1546

218.5560, 0.2833,
0.2698

 1.8245, 0.1831,
0.1213

265.0684, 0.2852,


 0.5024, 0.1439,

0.2732


0.0705

317.7518, 0.2868,
0.2763

 0.0000, 0.0000,
0.0000


 47.5462, 0.2639,
0.2356


 47.5462, 0.2639,
0.2356

 36.1962, 0.2452,
0.2017


 61.1644, 0.2812,
0.2678


 26.9908, 0.2255,
0.1674


 77.1665, 0.2966,
0.2973

 19.7935, 0.2061,
0.1347

 95.6591, 0.3100,
0.3237

 14.4517, 0.1881,
0.1062

 100.0000, 0.3127,
0.3290

 10.7911, 0.1729,
0.0840

■ 8.6029, 0.1616,
0.0695

■ 7.6845, 0.1557,
0.0631

Harmonies

Analogous

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



47.5462, 0.2220, 0.2344



47.5462, 0.2639, 0.2356



47.5462, 0.3233, 0.2565

Triad

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



47.5462, 0.2639, 0.2356



47.5462, 0.4346, 0.3858



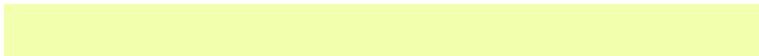
47.5462, 0.2409, 0.3651

Complementary

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



47.5462, 0.2639, 0.2356



93.3997, 0.3525, 0.4121

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.



47.5462, 0.2931, 0.4211



47.5462, 0.2639, 0.2356



47.5462, 0.4060, 0.4256

Square

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



47.5462, 0.2639, 0.2356



47.5462, 0.4279, 0.3384



47.5462, 0.3536, 0.4427



47.5462, 0.2095, 0.3022

Rectangle

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



47.5462, 0.2639, 0.2356



47.5462, 0.3658, 0.2794



47.5462, 0.3536, 0.4427



47.5462, 0.2564, 0.3861

Sweetspot

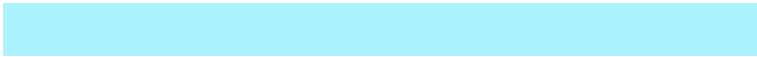
The Sweet Spot groups the original color and five complimentary colors.



47.5459, 0.2639, 0.2356



80.9548, 0.2996, 0.3032



80.0219, 0.2650, 0.3153



16.7984, 0.2977, 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.



47.5459, 0.2639, 0.2356



39.5500, 0.2512, 0.2125



53.3156, 0.2939, 0.2432



17.5168, 0.3003, 0.3046



4.0561, 0.1566, 0.0636



0.4329, 0.1654, 0.0685

Inverse Universe

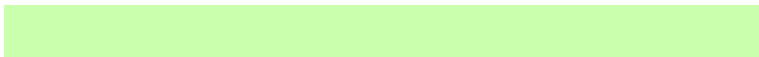
The Inverse Universe completely reimagines the original color for something new.



57.5456, 0.3267, 0.2604



51.1266, 0.3304, 0.2460



87.0493, 0.3258, 0.4197



18.2477, 0.3163, 0.3093



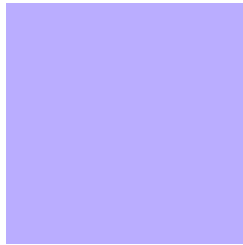
13.6733, 0.3660, 0.1790



1.3441, 0.3600, 0.1757

Previews

White Background



This preview shows how the Yxy color 47.5462, 0.2639, 0.2356 looks on a white background.

Color Contrast Check

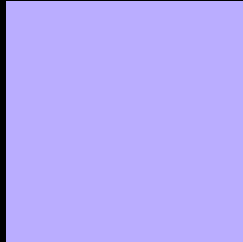
Large Text (above 18pt) WCAG AA × Fail

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 47.5462, 0.2639, 0.2356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

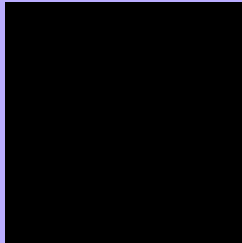
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5462, 0.2639, 0.2356

Background



This preview shows how black text looks on a background with the Yxy color 47.5462, 0.2639, 0.2356.



This preview shows how white text looks on a background with the Yxy color 47.5462, 0.2639, 0.2356.

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

47.5462, 0.2639, 0.2356

Protanopia

47.7413, 0.2478, 0.2411

Deuteranopia

47.7167, 0.2495, 0.2432



Tritanopia

47.5185, 0.2940, 0.3096

Trichromacy



Original Color

47.5462, 0.2639, 0.2356

Protanomaly

47.4958, 0.2530, 0.2387

Deuteranomaly

47.5426, 0.2542, 0.2399

Tritanomaly

47.3407, 0.2828, 0.2807

Monochromacy



Original Color

47.5462, 0.2639, 0.2356

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.1900, 0.2940, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5462, 0.2639, 0.2356 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, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 255)  
}
```

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, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 255) }
```

Border

The CSS property to change the border of an element to Yxy 47.5462, 0.2639, 0.2356 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, 173, 255) }
```

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

```
.border{ border-color:rgb(186, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5462, 0.2639, 0.2356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 255) }
```

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

```
.background{ background-color: rgb(186,  
173, 255) }
```

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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