

Converting Colors

Yxy(47.3327, 0.2657, 0.2344)

Have a look what the booklet for
Yxy(47.3327, 0.2657, 0.2344)
contains.

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Color

Yxy(47.5439, 0.2659, 0.2350)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BDACFF |
| RGB | 189, 172, 255 |
| RGB Percent | 74%, 67%, 100% |
| CMY | 0.2588, 0.3255, 0.0000 |
| CMYK | 0.26, 0.33, 0.00, 0.00 |
| HSL | 252°, 100%, 84% |
| HSV | 252°, 33%, 100% |
| XYZ | 53.7954, 47.5439, 100.9752 |
| YIQ | 186.5450, -16.5110, 29.4170 |

Conversions

Conversions Part 2

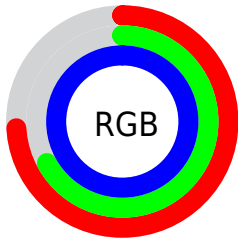
| Format | Color |
|-------------------------------------|--|
| RYB | 189, 172, 255 |
| Decimal | 12430591 |
| CIELab | 74.54, 23.35, -38.94 |
| CIELCh | 75, 45.403, 300.949 |
| Yxy | 47.5439, 0.2659, 0.2350 |
| Android (android.graphics.Color) | 4290620671 (0xFFBDACFF) |
| YUV | 186.5450, 33.7483, 2.1530 |
| Hunter-Lab | 68.9521, 18.5970, -38.5593 |

Details

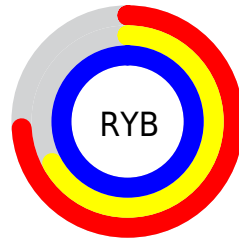
The Yxy color **47.5439, 0.2659, 0.2350** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92.6713, 0.3504, 0.4139**, and the grayscale version is **49.2386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7510, 0.3079, 0.3014**, and **22.5785, 0.2530, 0.2136** is the 20% darker color. If you saturate the color by 10%, you get **36.3374, 0.2480, 0.2015**, and if you desaturate by 10%, it is **60.9744, 0.2823, 0.2669**.

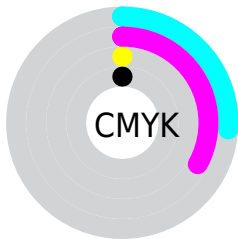
Distribution



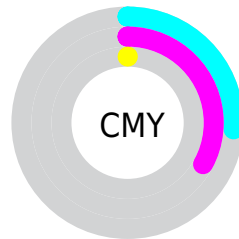
- Red (74%)
- Green (67%)
- Blue (100%)



- Red (74%)
- Yellow (67%)
- Blue (100%)



- Cyan (26%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5439, 0.2659, 0.2350 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 47.5439, 0.2659, 0.2350 by changing the saturation by 10% instead.

■ 47.5439, 0.2659,
0.2350

■ 47.5439, 0.2659,
0.2350

376.9814, 0.2894,
0.2786

■ 33.4658, 0.2602,
0.2252

■ 86.5249, 0.2744,
0.2501

■ 22.4835, 0.2529,
0.2131

112.1967, 0.2776,
0.2559

■ 14.2126, 0.2435,
0.1981

142.5018, 0.2803,
0.2610

■ 8.2687, 0.2309,
0.1789

177.8246, 0.2826,
0.2654

■ 4.2674, 0.2132,
0.1539

218.5496, 0.2846,
0.2693

■ 1.8242, 0.1873,
0.1207

265.0612, 0.2864,


■ 0.5022, 0.1487,


0.2728

0.0701

317.7436, 0.2880,
0.2758

 0.0000, 0.0000,
0.0000

 47.5439, 0.2659,
0.2350


 47.5439, 0.2659,
0.2350


 36.3374, 0.2480,
0.2015

 60.9744, 0.2823,
0.2669


 27.2337, 0.2291,
0.1678


 76.7420, 0.2970,
0.2963

 20.0989, 0.2102,
0.1357

 94.9511, 0.3097,
0.3227

 14.7837, 0.1924,
0.1077

 100.0000, 0.3127,
0.3290

 11.1169, 0.1771,
0.0858

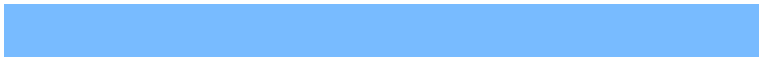
■ 8.8929, 0.1653,
0.0713

■ 7.9580, 0.1590,
0.0649

Harmonies

Analogous

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



47.5439, 0.2224, 0.2327



47.5439, 0.2659, 0.2350



47.5439, 0.3268, 0.2571

Triad

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



47.5439, 0.2659, 0.2350



47.5439, 0.4357, 0.3887



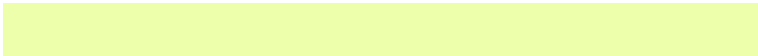
47.5439, 0.2376, 0.3623

Complementary

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



47.5439, 0.2659, 0.2350



92.6713, 0.3504, 0.4139

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.



47.5439, 0.2897, 0.4204



47.5439, 0.2659, 0.2350



47.5439, 0.4050, 0.4286

Square

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



47.5439, 0.2659, 0.2350



47.5439, 0.4309, 0.3408



47.5439, 0.3510, 0.4444



47.5439, 0.2071, 0.2987

Rectangle

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



47.5439, 0.2659, 0.2350



47.5439, 0.3697, 0.2807



47.5439, 0.3510, 0.4444



47.5439, 0.2530, 0.3839

Sweetspot

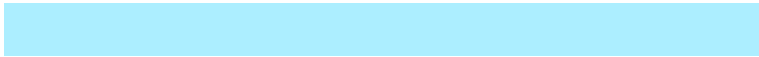
The Sweet Spot groups the original color and five complimentary colors.



47.5437, 0.2659, 0.2350



81.1519, 0.3004, 0.3033



77.3715, 0.2639, 0.3105



16.8457, 0.2985, 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.



47.5437, 0.2659, 0.2350



40.0700, 0.2545, 0.2135



53.5619, 0.2969, 0.2429



17.5571, 0.3011, 0.3046



4.2083, 0.1601, 0.0656



0.4535, 0.1701, 0.0710

Inverse Universe

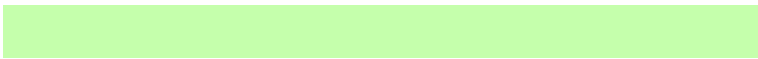
The Inverse Universe completely reimagines the original color for something new.



56.9343, 0.3300, 0.2630



50.8615, 0.3343, 0.2501



86.3545, 0.3233, 0.4217



18.2328, 0.3170, 0.3103



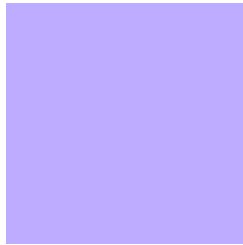
13.3767, 0.3809, 0.1872



1.3178, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 47.5439, 0.2659, 0.2350 looks on a white background.

Color Contrast Check

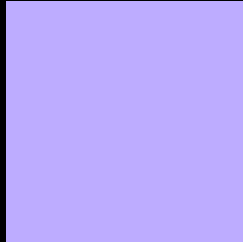
Large Text (above 18pt) WCAG AA × Fail

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 47.5439, 0.2659, 0.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

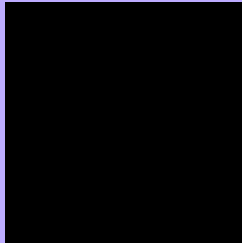
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5439, 0.2659, 0.2350

Background



This preview shows how black text looks on a background with the Yxy color 47.5439, 0.2659, 0.2350.



This preview shows how white text looks on a background with the Yxy color 47.5439, 0.2659, 0.2350.

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

47.5439, 0.2659, 0.2350

Protanopia

47.7413, 0.2478, 0.2411

Deuteranopia

47.7167, 0.2495, 0.2432



Tritanopia

47.4092, 0.2972, 0.3097

Trichromacy



Original Color

47.5439, 0.2659, 0.2350

Protanomaly

47.7187, 0.2543, 0.2390

Deuteranomaly

47.6545, 0.2549, 0.2400

Tritanomaly

47.2998, 0.2850, 0.2797

Monochromacy



Original Color

47.5439, 0.2659, 0.2350

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.9007, 0.2948, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5439, 0.2659, 0.2350 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(189, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 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(189, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 255) }
```

Border

The CSS property to change the border of an element to Yxy 47.5439, 0.2659, 0.2350 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(189, 172, 255) }
```

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

```
.border{ border-color:rgb(189, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5439, 0.2659, 0.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 255) }
```

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

```
.background{ background-color: rgb(189,  
172, 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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