

Converting Colors

$Y_{xy}(44.0083, 0.2764, 0.2411)$

Have a look what the booklet for
Yxy(44.0083, 0.2764, 0.2411)
contains.

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Color

Yxy(43.9186, 0.2764, 0.2404)

Conversions

Conversions Part 1

Format	Color
Hex	BFA4F0
RGB	191, 164, 240
RGB Percent	75%, 64%, 94%
CMY	0.2509, 0.3569, 0.0587
CMYK	0.20, 0.32, 0.00, 0.06
HSL	261°, 72%, 79%
HSV	261°, 32%, 94%
XYZ	50.4954, 43.9186, 88.2757
YIQ	180.7370, -8.3040, 29.3600

Conversions

Conversions Part 2

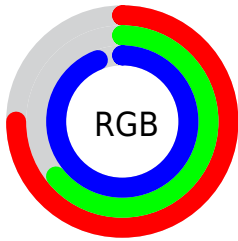
Format	Color
R _Y B	191, 164, 240
Decimal	12559600
CIE _{Lab}	72.17, 24.90, -34.47
CIE _{LCh}	72, 42.517, 305.841
Y _{xy}	43.9186, 0.2764, 0.2404
Android (android.graphics.Color)	4290749680 (0xFFBFA4F0)
YUV	180.7370, 29.2167, 9.0007
Hunter-Lab	66.2711, 20.0341, -32.5868

Details

The Yxy color **43.9186, 0.2764, 0.2404** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **79.1645, 0.3412, 0.4135**, and the grayscale version is **45.9039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8395, 0.3095, 0.2935**, and **20.2833, 0.2649, 0.2185** is the 20% darker color. If you saturate the color by 10%, you get **34.2237, 0.2617, 0.2088**, and if you desaturate by 10%, it is **55.4501, 0.2896, 0.2708**.

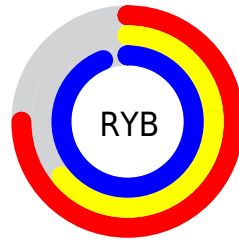
Distribution



Red (75%)

Green (64%)

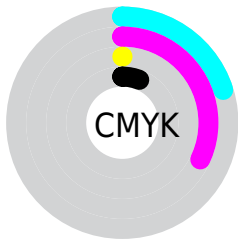
Blue (94%)



Red (75%)

Yellow (64%)

Blue (94%)

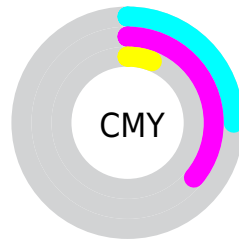


Cyan (20%)

Magenta (32%)

Yellow (0%)

Black (6%)



Cyan (25%)


Magenta (36%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9186, 0.2764, 0.2404 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 43.9186, 0.2764, 0.2404 by changing the saturation by 10% instead.


 43.9186, 0.2764,
0.2404

 43.9186, 0.2764,
0.2404


362.3760, 0.2951,
0.2822

 30.6065, 0.2717,
0.2308


 81.0952, 0.2833,
0.2550

 20.2994, 0.2656,
0.2189


 105.7286, 0.2858,
0.2606

 12.6129, 0.2575,
0.2039


134.9045, 0.2880,
0.2655

 7.1625, 0.2463,
0.1845

169.0073, 0.2899,
0.2697

 3.5639, 0.2302,
0.1587

208.4215, 0.2914,
0.2734

 1.4328, 0.2052,
0.1234

253.5314, 0.2928,


 0.2407, 0.1688,

0.2767


0.0486


304.7215, 0.2941,
0.2796

 0.0000, 0.0000,
0.0000


 43.9186, 0.2764,
0.2404


 43.9186, 0.2764,
0.2404


 34.2237, 0.2617,
0.2088


 55.4501, 0.2896,
0.2708

 26.2621, 0.2459,
0.1770

 68.9035, 0.3012,
0.2991

 19.9282, 0.2296,
0.1468

 84.3649, 0.3112,
0.3249

 15.1022, 0.2134,
0.1199

 98.6781, 0.3201,
0.3435

 11.6471, 0.1983,
0.0982

 99.0730, 0.3214,
0.3434

■ 9.3993, 0.1852,
0.0827

■ 8.2386, 0.1761,
0.0744

Harmonies

Analogous

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



43.9186, 0.2310, 0.2349



43.9186, 0.2764, 0.2404



43.9186, 0.3366, 0.2646

Triad

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



43.9186, 0.2764, 0.2404



43.9186, 0.4285, 0.3942



43.9186, 0.2340, 0.3507

Complementary

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



43.9186, 0.2764, 0.2404



79.1645, 0.3412, 0.4135

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.



43.9186, 0.2815, 0.4091



43.9186, 0.2764, 0.2404



43.9186, 0.3945, 0.4296

Square

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



43.9186, 0.2764, 0.2404



43.9186, 0.4297, 0.3484



43.9186, 0.3403, 0.4388



43.9186, 0.2083, 0.2915

Rectangle

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



43.9186, 0.2764, 0.2404



43.9186, 0.3771, 0.2889



43.9186, 0.3403, 0.4388



43.9186, 0.2477, 0.3717

Sweetspot

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



43.9204, 0.2764, 0.2404



81.8104, 0.3029, 0.3035



61.9834, 0.2636, 0.2973



17.0041, 0.3014, 0.2997



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.



43.9204, 0.2764, 0.2404



42.9846, 0.2671, 0.2201



49.4381, 0.3069, 0.2479



15.5020, 0.3035, 0.3050



4.5763, 0.1777, 0.0752



0.4346, 0.1921, 0.0832

Inverse Universe

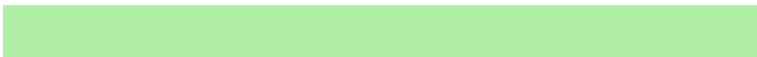
The Inverse Universe completely reimagines the original color for something new.



49.8837, 0.3393, 0.2764



50.9450, 0.3465, 0.2655



74.1776, 0.3156, 0.4207



15.9305, 0.3192, 0.3139



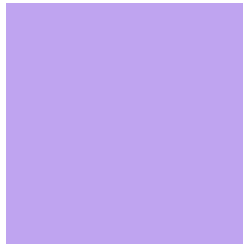
11.4574, 0.4360, 0.2175



0.9720, 0.4168, 0.2070

Previews

White Background



This preview shows how the Yxy color 43.9186, 0.2764, 0.2404 looks on a white background.

Color Contrast Check

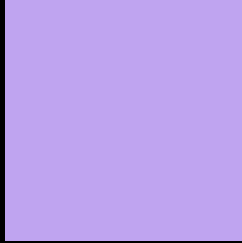
Large Text (above 18pt) WCAG AA × Fail

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 43.9186, 0.2764, 0.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

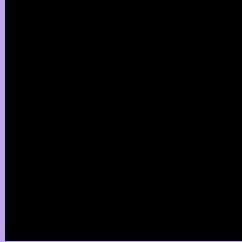
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9186, 0.2764, 0.2404

Background



This preview shows how black text looks on a background with the Yxy color 43.9186, 0.2764, 0.2404.



This preview shows how white text looks on a background with the Yxy color 43.9186, 0.2764, 0.2404.

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

43.9186, 0.2764, 0.2404

Protanopia

44.3073, 0.2467, 0.2397

Deuteranopia

43.9187, 0.2561, 0.2496



Tritanopia

43.8480, 0.3083, 0.3108

Trichromacy



Original Color

43.9186, 0.2764, 0.2404

Protanomaly

43.9339, 0.2563, 0.2397

Deuteranomaly

43.6394, 0.2626, 0.2452

Tritanomaly

43.5687, 0.2959, 0.2825

Monochromacy



Original Color

43.9186, 0.2764, 0.2404

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.2385, 0.2998, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9186, 0.2764, 0.2404 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(191, 164, 240)` looks like.

```
.text, #text, p{  
    color:rgb(191, 164, 240)  
}
```

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(191, 164, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 164, 240) }
```

Border

The CSS property to change the border of an element to Yxy 43.9186, 0.2764, 0.2404 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(191, 164, 240) }
```

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

```
.border{ border-color:rgb(191, 164, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 164, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 164, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 164, 240);  
box-shadow:4px 4px 4px 4px rgb(191, 164,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9186, 0.2764, 0.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 164, 240) }
```

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

```
.background{ background-color: rgb(191,  
164, 240) }
```

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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