

Converting Colors

Yxy(54.5997, 0.3173, 0.2449)

Have a look what the booklet for
Yxy(54.5997, 0.3173, 0.2449)
contains.

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Color

Yxy(54.6838, 0.3175, 0.2456)

Conversions

Conversions Part 1

Format	Color
Hex	FBA6FA
RGB	251, 166, 250
RGB Percent	98%, 65%, 98%
CMY	0.0154, 0.3491, 0.0196
CMYK	0.00, 0.34, 0.00, 0.02
HSL	301°, 92%, 82%
HSV	301°, 34%, 98%
XYZ	70.6926, 54.6838, 97.2775
YIQ	200.9910, 23.6960, 44.1440

Conversions

Conversions Part 2

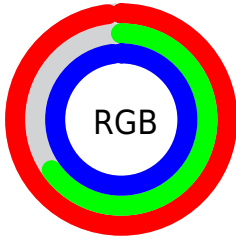
Format	Color
R _Y B	251, 166, 250
Decimal	16492282
CIE Lab	78.86, 44.14, -29.08
CIE LCh	79, 52.859, 326.628
Yxy	54.6838, 0.3175, 0.2456
Android (android.graphics.Color)	4294682362 (0xFFFB A6FA)
YUV	200.9910, 24.1614, 43.8579
Hunter-Lab	73.9485, 41.2310, -26.2306

Details

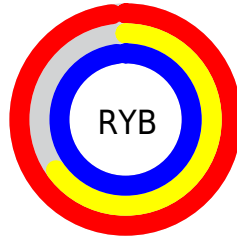
The Yxy color **54.6838, 0.3175, 0.2456** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.9291, 0.3074, 0.4294**, and the grayscale version is **58.2410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **26.7761, 0.3175, 0.2272** is the 20% darker color. If you saturate the color by 10%, you get **46.4145, 0.3189, 0.2225**, and if you desaturate by 10%, it is **64.7394, 0.3161, 0.2701**.

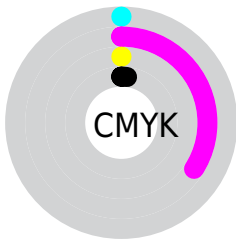
Distribution



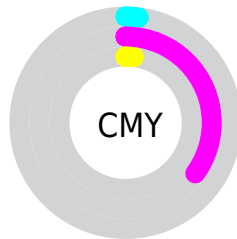
- Red (98%)
- Green (65%)
- Blue (98%)



- Red (98%)
- Yellow (65%)
- Blue (98%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6838, 0.3175, 0.2456 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 54.6838, 0.3175, 0.2456 by changing the saturation by 10% instead.

 54.6838, 0.3175,
0.2456


 54.6838, 0.3175,
0.2456


404.7122, 0.3163,
0.2831

 39.1486, 0.3175,
0.2373


 97.0775, 0.3173,
0.2584

 26.8754, 0.3174,
0.2273


 124.7048, 0.3172,
0.2634

 17.4796, 0.3171,
0.2149


157.1317, 0.3170,
0.2678

 10.5770, 0.3163,
0.1991

194.7424, 0.3169,
0.2716

 5.7832, 0.3147,
0.1786

237.9214, 0.3167,
0.2750

 2.7137, 0.3112,
0.1512

287.0531, 0.3166,

 0.9842, 0.3032,

0.2780

0.1133

342.5219, 0.3165,
0.2807

0.0000, 0.3019,
0.0000

0.0000, 0.0000,
0.0000

54.6838, 0.3175,
0.2456

54.6838, 0.3175,
0.2456

46.4145, 0.3189,
0.2225

64.7394, 0.3161,
0.2701

39.8202, 0.3202,
0.2018

76.6696, 0.3146,
0.2950

34.7883, 0.3214,
0.1844

90.5659, 0.3132,
0.3196

31.1895, 0.3224,
0.1711

99.0220, 0.3124,
0.3326

■ 28.8739, 0.3232,
0.1620

■ 99.0417, 0.3123,
0.3323

■ 27.6582, 0.3238,
0.1573

■ 99.0614, 0.3121,
0.3320

■ 27.2952, 0.3241,
0.1559

■ 99.0812, 0.3119,
0.3317

■ 99.1010, 0.3117,
0.3314

■ 99.1208, 0.3115,
0.3311

Harmonies

Analogous

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



54.6838, 0.2525, 0.2244



54.6838, 0.3175, 0.2456



54.6838, 0.3886, 0.2841

Triad

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



54.6838, 0.3175, 0.2456



54.6838, 0.4208, 0.4328



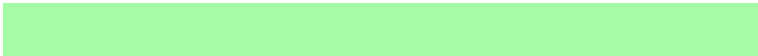
54.6838, 0.1998, 0.3038

Complementary

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



54.6838, 0.3175, 0.2456



79.9291, 0.3074, 0.4294

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.



54.6838, 0.2364, 0.3765



54.6838, 0.3175, 0.2456



54.6838, 0.3635, 0.4574

Square

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



54.6838, 0.3175, 0.2456



54.6838, 0.4507, 0.3858



54.6838, 0.2959, 0.4386



54.6838, 0.1908, 0.2505

Rectangle

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



54.6838, 0.3175, 0.2456



54.6838, 0.4266, 0.3162



54.6838, 0.2959, 0.4386



54.6838, 0.2090, 0.3269

Sweetspot

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



54.6862, 0.3175, 0.2456



84.7754, 0.3141, 0.3047



42.3357, 0.2513, 0.2274



17.7235, 0.3143, 0.3012



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.



54.6862, 0.3175, 0.2456



50.3534, 0.3185, 0.2289



52.3632, 0.3527, 0.2847



17.5207, 0.3140, 0.3059



14.3410, 0.3240, 0.1559



1.3294, 0.3236, 0.1557

Inverse Universe

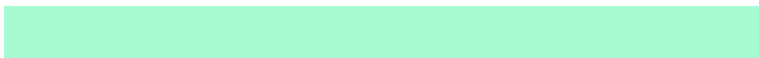
The Inverse Universe completely reimagines the original color for something new.



54.6862, 0.3175, 0.2456



50.3534, 0.3185, 0.2289



81.7176, 0.2857, 0.3784



17.5207, 0.3140, 0.3059



14.3410, 0.3240, 0.1559



1.3294, 0.3236, 0.1557

Previews

White Background



This preview shows how the Yxy color 54.6838, 0.3175, 0.2456 looks on a white background.

Color Contrast Check

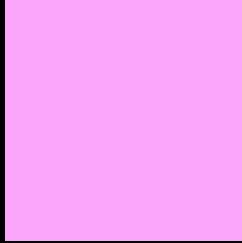
Large Text (above 18pt) WCAG AA × Fail

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 54.6838, 0.3175, 0.2456 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 54.6838, 0.3175, 0.2456

Background



This preview shows how black text looks on a background with the Yxy color 54.6838, 0.3175, 0.2456.



This preview shows how white text looks on a background with the Yxy color 54.6838, 0.3175, 0.2456.

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

54.6838, 0.3175, 0.2456

Protanopia

55.2686, 0.2611, 0.2591

Deuteranopia

55.1107, 0.2741, 0.2682



Tritanopia

54.6571, 0.3590, 0.3150

Trichromacy



Original Color

54.6838, 0.3175, 0.2456



Protanomaly

54.3520, 0.2797, 0.2532



Deuteranomaly

54.5794, 0.2888, 0.2589



Tritanomaly

54.6184, 0.3440, 0.2889

Monochromacy



Original Color

54.6838, 0.3175, 0.2456



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.1410, 0.3143, 0.2942

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6838, 0.3175, 0.2456 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(251, 166, 250)` looks like.

```
.text, #text, p{  
    color:rgb(251, 166, 250)  
}
```

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(251, 166, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 166, 250) }
```

Border

The CSS property to change the border of an element to Yxy 54.6838, 0.3175, 0.2456 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(251, 166, 250) }
```

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

```
.border{ border-color:rgb(251, 166, 250) }
```

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

Here you see how a box with a 4 pixel rgb(251, 166, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 166, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 166, 250);  
box-shadow:4px 4px 4px 4px rgb(251, 166,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6838, 0.3175, 0.2456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 166, 250) }
```

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

```
.background{ background-color: rgb(251,  
166, 250) }
```

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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