

Converting Colors

Yxy(53.8817, 0.3194, 0.2462)

Have a look what the booklet for
Yxy(53.8817, 0.3194, 0.2462)
contains.

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Color

Yxy(53.7755, 0.3199, 0.2463)

Conversions

Conversions Part 1

Format	Color
Hex	FBA4F7
RGB	251, 164, 247
RGB Percent	98%, 64%, 97%
CMY	0.0158, 0.3568, 0.0313
CMYK	0.00, 0.35, 0.02, 0.02
HSL	303°, 92%, 81%
HSV	303°, 35%, 98%
XYZ	69.8448, 53.7755, 94.7130
YIQ	199.4750, 25.2090, 44.2570

Conversions

Conversions Part 2

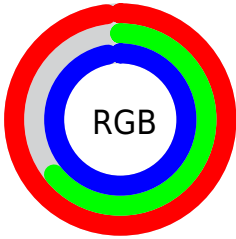
Format	Color
R _Y B	251, 164, 247
Decimal	16491767
CIE Lab	78.33, 44.60, -28.28
CIE LCh	78, 52.811, 327.624
Yxy	53.7755, 0.3199, 0.2463
Android (android.graphics.Color)	4294681847 (0xFFFBA4F7)
YUV	199.4750, 23.4298, 45.1874
Hunter-Lab	73.3318, 41.6817, -25.2448

Details

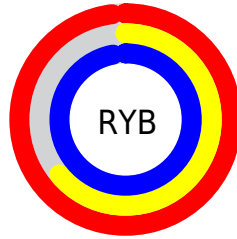
The Yxy color **53.7755, 0.3199, 0.2463** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.7020, 0.3058, 0.4285**, and the grayscale version is **57.2633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **26.2070, 0.3208, 0.2281** is the 20% darker color. If you saturate the color by 10%, you get **45.5927, 0.3222, 0.2239**, and if you desaturate by 10%, it is **63.7360, 0.3177, 0.2701**.

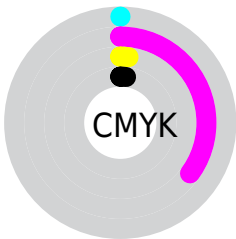
Distribution



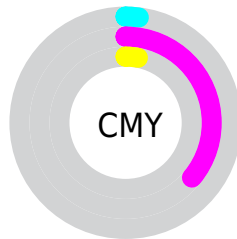
- Red (98%)
- Green (64%)
- Blue (97%)



- Red (98%)
- Yellow (64%)
- Blue (97%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)
- Black (2%)




- Cyan (2%)
- Magenta (36%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7755, 0.3199, 0.2463 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 53.7755, 0.3199, 0.2463 by changing the saturation by 10% instead.


 53.7755, 0.3199,
0.2463


 53.7755, 0.3199,
0.2463


401.2533, 0.3176,
0.2836

 38.4222, 0.3202,
0.2381


 95.7445, 0.3193,
0.2590

 26.3105, 0.3204,
0.2280


 123.1291, 0.3190,
0.2640

 17.0561, 0.3205,
0.2156

155.2928, 0.3187,
0.2684

 10.2745, 0.3203,
0.1998

192.6201, 0.3185,
0.2722

 5.5813, 0.3194,
0.1791

235.4955, 0.3182,
0.2756

 2.5922, 0.3170,
0.1513

284.3032, 0.3180,

 0.9228, 0.3106,

0.2785

0.1129

339.4277, 0.3178,
0.2812

0.0000, 0.3113,
0.0000

0.0000, 0.0000,
0.0000

53.7755, 0.3199,
0.2463

53.7755, 0.3199,
0.2463

45.5927, 0.3222,
0.2239

63.7360, 0.3177,
0.2701

39.0756, 0.3245,
0.2038

75.5632, 0.3155,
0.2943

34.1109, 0.3267,
0.1870

89.3487, 0.3136,
0.3182

30.5680, 0.3287,
0.1742

99.0280, 0.3122,
0.3323

■ 28.2952, 0.3305,
0.1658

■ 99.1004, 0.3115,
0.3312

■ 27.1060, 0.3321,
0.1617

■ 99.1733, 0.3109,
0.3301

■ 26.7709, 0.3329,
0.1607

■ 99.2456, 0.3102,
0.3290

Harmonies

Analogous

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



53.7755, 0.2541, 0.2243



53.7755, 0.3199, 0.2463



53.7755, 0.3912, 0.2854

Triad

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



53.7755, 0.3199, 0.2463



53.7755, 0.4197, 0.4345



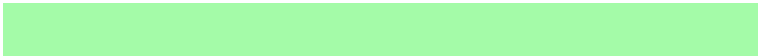
53.7755, 0.1986, 0.3015

Complementary

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



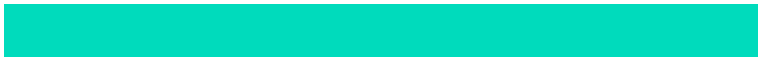
53.7755, 0.3199, 0.2463



79.7020, 0.3058, 0.4285

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.



53.7755, 0.2344, 0.3743



53.7755, 0.3199, 0.2463



53.7755, 0.3615, 0.4582

Square

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



53.7755, 0.3199, 0.2463



53.7755, 0.4509, 0.3877



53.7755, 0.2936, 0.4377



53.7755, 0.1905, 0.2489

Rectangle

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



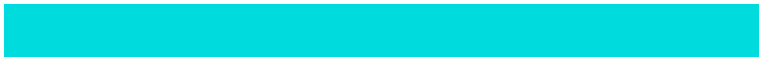
53.7755, 0.3199, 0.2463



53.7755, 0.4286, 0.3177



53.7755, 0.2936, 0.4377



53.7755, 0.2075, 0.3245

Sweetspot

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



53.7779, 0.3199, 0.2463



84.7212, 0.3146, 0.3054



41.7250, 0.2517, 0.2253



17.7102, 0.3149, 0.3021



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.



53.7779, 0.3199, 0.2463



49.3186, 0.3216, 0.2296



51.4494, 0.3566, 0.2866



17.5101, 0.3145, 0.3067



14.0805, 0.3327, 0.1606



1.3082, 0.3311, 0.1598

Inverse Universe

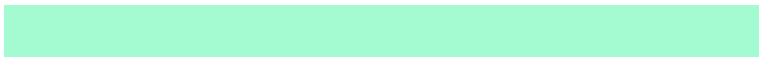
The Inverse Universe completely reimagines the original color for something new.



53.7779, 0.3199, 0.2463



49.3186, 0.3216, 0.2296



81.5489, 0.2837, 0.3762



17.5101, 0.3145, 0.3067



14.0805, 0.3327, 0.1606



1.3082, 0.3311, 0.1598

Previews

White Background



This preview shows how the Yxy color 53.7755, 0.3199, 0.2463 looks on a white background.

Color Contrast Check

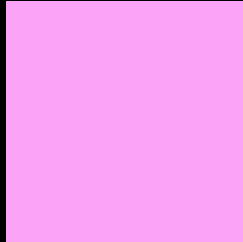
Large Text (above 18pt) WCAG AA × Fail

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 53.7755, 0.3199, 0.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

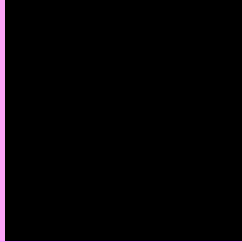
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7755, 0.3199, 0.2463

Background



This preview shows how black text looks on a background with the Yxy color 53.7755, 0.3199, 0.2463.



This preview shows how white text looks on a background with the Yxy color 53.7755, 0.3199, 0.2463.

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

53.7755, 0.3199, 0.2463

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

53.9291, 0.2751, 0.2688



Tritanopia

53.7795, 0.3612, 0.3150

Trichromacy



Original Color

53.7755, 0.3199, 0.2463



Protanomaly

53.1807, 0.2788, 0.2516



Deuteranomaly

53.4283, 0.2900, 0.2595



Tritanomaly

53.7510, 0.3460, 0.2888

Monochromacy



Original Color

53.7755, 0.3199, 0.2463



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.9811, 0.3159, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7755, 0.3199, 0.2463 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, 164, 247)` looks like.

```
.text, #text, p{  
    color:rgb(251, 164, 247)  
}
```

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, 164, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 164, 247) }
```

Border

The CSS property to change the border of an element to Yxy 53.7755, 0.3199, 0.2463 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, 164, 247) }
```

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

```
.border{ border-color:rgb(251, 164, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 164, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 164, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 164, 247);  
box-shadow:4px 4px 4px 4px rgb(251, 164,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7755, 0.3199, 0.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 164, 247) }
```

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

```
.background{ background-color: rgb(251,  
164, 247) }
```

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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