

Converting Colors

Yxy(53.8817, 0.3164, 0.2436)

Have a look what the booklet for
Yxy(53.8817, 0.3164, 0.2436)
contains.

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Color

Yxy(53.7770, 0.3167, 0.2435)

Conversions

Conversions Part 1

Format	Color
Hex	FAA4FA
RGB	250, 164, 250
RGB Percent	98%, 64%, 98%
CMY	0.0198, 0.3568, 0.0196
CMYK	0.00, 0.34, 0.00, 0.02
HSL	300°, 90%, 81%
HSV	300°, 34%, 98%
XYZ	69.9432, 53.7770, 97.1299
YIQ	199.5180, 23.6500, 44.9780

Conversions

Conversions Part 2

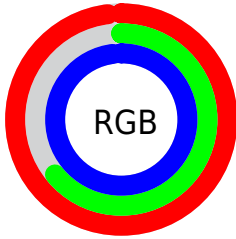
Format	Color
R _{YB}	250, 164, 250
Decimal	16426234
CIE Lab	78.33, 44.81, -29.89
CIE LCh	78, 53.863, 326.297
Yxy	53.7770, 0.3167, 0.2435
Android (android.graphics.Color)	4294616314 (0xFFFAA4FA)
YUV	199.5180, 24.8876, 44.2727
Hunter-Lab	73.3328, 41.9170, -27.1971

Details

The Yxy color **53.7770, 0.3167, 0.2435** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.9475, 0.3079, 0.4324**, and the grayscale version is **57.2825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **26.2086, 0.3165, 0.2246** is the 20% darker color. If you saturate the color by 10%, you get **45.6902, 0.3178, 0.2203**, and if you desaturate by 10%, it is **63.6272, 0.3156, 0.2682**.

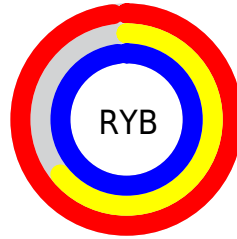
Distribution



Red (98%)

Green (64%)

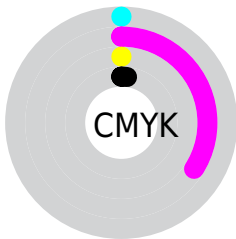
Blue (98%)



Red (98%)

Yellow (64%)

Blue (98%)

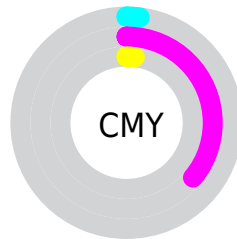


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (36%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7770, 0.3167, 0.2435 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 53.7770, 0.3167, 0.2435 by changing the saturation by 10% instead.


 53.7770, 0.3167,
0.2435


 53.7770, 0.3167,
0.2435

401.2591, 0.3160,
0.2820

 38.4234, 0.3166,
0.2350


 95.7467, 0.3167,
0.2566

 26.3115, 0.3163,
0.2247

 123.1317, 0.3166,
0.2618

 17.0568, 0.3158,
0.2120


155.2958, 0.3165,
0.2663

 10.2750, 0.3147,
0.1958

192.6237, 0.3164,
0.2702

 5.5817, 0.3127,
0.1749

235.4995, 0.3163,
0.2737

 2.5924, 0.3085,
0.1468

284.3077, 0.3162,

 0.9229, 0.2994,

0.2767

0.1083

339.4328, 0.3161,
0.2795

0.0000, 0.2936,
0.0000

0.0000, 0.0000,
0.0000

53.7770, 0.3167,
0.2435

53.7770, 0.3167,
0.2435

45.6902, 0.3178,
0.2203

63.6272, 0.3156,
0.2682

39.2561, 0.3187,
0.1996

75.3286, 0.3144,
0.2934

34.3629, 0.3195,
0.1823


88.9720, 0.3132,
0.3183

30.8816, 0.3202,
0.1690


98.7455, 0.3125,
0.3338

 28.6627, 0.3206,
0.1601


 98.7472, 0.3125,
0.3338

 27.5228, 0.3208,
0.1554

 98.7490, 0.3125,
0.3338

 27.2068, 0.3208,
0.1541

 98.7508, 0.3125,
0.3338

 98.7525, 0.3125,
0.3338

 98.7543, 0.3125,
0.3338

Harmonies

Analogous

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



53.7770, 0.2505, 0.2221



53.7770, 0.3167, 0.2435



53.7770, 0.3897, 0.2825

Triad

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



53.7770, 0.3167, 0.2435



53.7770, 0.4236, 0.4344



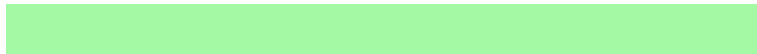
53.7770, 0.1976, 0.3037

Complementary

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



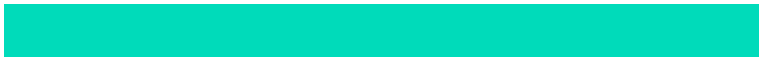
53.7770, 0.3167, 0.2435



78.9475, 0.3079, 0.4324

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.



53.7770, 0.2351, 0.3786



53.7770, 0.3167, 0.2435



53.7770, 0.3651, 0.4606

Square

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



53.7770, 0.3167, 0.2435



53.7770, 0.4540, 0.3861



53.7770, 0.2961, 0.4421



53.7770, 0.1882, 0.2490

Rectangle

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



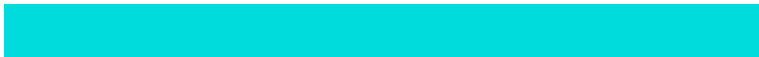
53.7770, 0.3167, 0.2435



53.7770, 0.4289, 0.3151



53.7770, 0.2961, 0.4421



53.7770, 0.2070, 0.3275

Sweetspot

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



53.7794, 0.3167, 0.2435



84.7939, 0.3139, 0.3044



41.8740, 0.2505, 0.2275



17.7280, 0.3140, 0.3008



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.



53.7794, 0.3167, 0.2435



50.4290, 0.3174, 0.2279



51.4597, 0.3522, 0.2826



17.5243, 0.3138, 0.3056



14.4324, 0.3208, 0.1541



1.3368, 0.3208, 0.1541

Inverse Universe

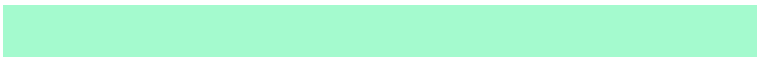
The Inverse Universe completely reimagines the original color for something new.



49.5663, 0.3946, 0.3292



45.4344, 0.4186, 0.3293



80.6984, 0.2861, 0.3810



17.2253, 0.3294, 0.3290



10.7806, 0.6400, 0.3299



0.9985, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 53.7770, 0.3167, 0.2435 looks on a white background.

Color Contrast Check

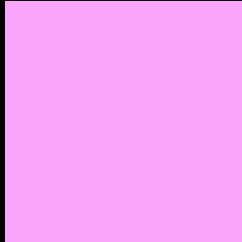
Large Text (above 18pt) WCAG AA × Fail

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 53.7770, 0.3167, 0.2435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

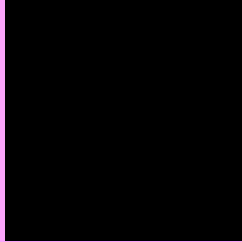
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7770, 0.3167, 0.2435

Background



This preview shows how black text looks on a background with the Yxy color 53.7770, 0.3167, 0.2435.



This preview shows how white text looks on a background with the Yxy color 53.7770, 0.3167, 0.2435.

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

53.7770, 0.3167, 0.2435

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

53.8586, 0.2718, 0.2655



Tritanopia

53.6456, 0.3595, 0.3139

Trichromacy



Original Color

53.7770, 0.3167, 0.2435



Protanomaly

53.2443, 0.2782, 0.2507



Deuteranomaly

53.3185, 0.2865, 0.2563



Tritanomaly

53.6710, 0.3434, 0.2867

Monochromacy



Original Color

53.7770, 0.3167, 0.2435



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.5080, 0.3144, 0.2941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7770, 0.3167, 0.2435 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(250, 164, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 164, 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(250, 164, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 164, 250) }
```

Border

The CSS property to change the border of an element to Yxy 53.7770, 0.3167, 0.2435 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(250, 164, 250) }
```

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

```
.border{ border-color:rgb(250, 164, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 164, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 164, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 164, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 164,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7770, 0.3167, 0.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 164, 250) }
```

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

```
.background{ background-color: rgb(250,  
164, 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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