

Converting Colors

Yxy(43.8513, 0.3087, 0.2112)

Have a look what the booklet for
Yxy(43.8513, 0.3087, 0.2112)
contains.

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Color

Yxy(43.7810, 0.3086, 0.2110)

Conversions

Conversions Part 1

Format	Color
Hex	F487FF
RGB	244, 135, 255
RGB Percent	96%, 53%, 100%
CMY	0.0430, 0.4707, 0.0000
CMYK	0.04, 0.47, 0.00, 0.00
HSL	295°, 100%, 76%
HSV	295°, 47%, 100%
XYZ	64.0323, 43.7810, 99.6796
YIQ	181.2710, 26.4440, 60.4280

Conversions

Conversions Part 2

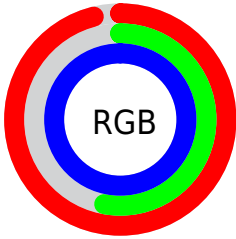
Format	Color
R _Y B	244, 135, 255
Decimal	16025599
CIE Lab	72.08, 58.66, -42.33
CIE LCh	72, 72.337, 324.181
Yxy	43.7810, 0.3086, 0.2110
Android (android.graphics.Color)	4294215679 (0xFFFF487FF)
YUV	181.2710, 36.3484, 55.0133
Hunter-Lab	66.1672, 56.9480, -43.0022

Details

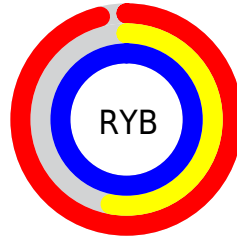
The Yxy color **43.7810, 0.3086, 0.2110** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.3711, 0.3115, 0.4757**, and the grayscale version is **46.1512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7416, 0.3157, 0.2663**, and **20.2536, 0.3052, 0.1856** is the 20% darker color. If you saturate the color by 10%, you get **37.0868, 0.3069, 0.1894**, and if you desaturate by 10%, it is **52.1878, 0.3100, 0.2350**.

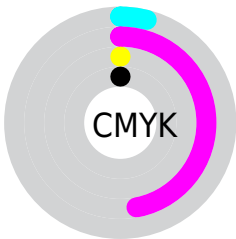
Distribution



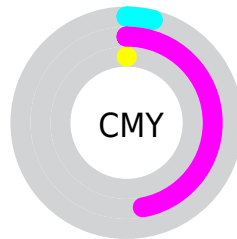
- Red (96%)
- Green (53%)
- Blue (100%)



- Red (96%)
- Yellow (53%)
- Blue (100%)



- Cyan (4%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7810, 0.3086, 0.2110 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 43.7810, 0.3086, 0.2110 by changing the saturation by 10% instead.


 43.7810, 0.3086,
0.2110


 43.7810, 0.3086,
0.2110


361.8138, 0.3128,
0.2639


 30.4984, 0.3071,
0.1995


 80.8881, 0.3105,
0.2289

 20.2172, 0.3049,
0.1857


 105.4814, 0.3111,
0.2360

 12.5530, 0.3018,
0.1688


 134.6136, 0.3116,
0.2422

 7.1215, 0.2969,
0.1479

168.6693, 0.3120,
0.2476

 3.5382, 0.2891,
0.1216

208.0328, 0.3123,
0.2524

 1.4187, 0.2757,
0.0887

253.0884, 0.3125,

 0.2305, 0.2558,

0.2566

0.0304

304.2206, 0.3127,
0.2604

0.0000, 0.1980,
0.0000

0.0000, 0.0000,
0.0000

43.7810, 0.3086,
0.2110

43.7810, 0.3086,
0.2110

37.0868, 0.3069,
0.1894

52.1878, 0.3100,
0.2350

31.9759, 0.3050,
0.1713

62.4129, 0.3111,
0.2604

28.3098, 0.3029,
0.1572

74.5603, 0.3119,
0.2862

25.9235, 0.3006,
0.1477

88.7243, 0.3124,
0.3116

■ 24.6063, 0.2983, 99.9998, 0.3127,
0.1424 0.3290

■ 24.3296, 0.2976,
0.1413

Harmonies

Analogous

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



43.7810, 0.2203, 0.1850



43.7810, 0.3086, 0.2110



43.7810, 0.4151, 0.2595

Triad

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



43.7810, 0.3086, 0.2110



43.7810, 0.4649, 0.4619



43.7810, 0.1579, 0.2946

Complementary

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



43.7810, 0.3086, 0.2110



79.3711, 0.3115, 0.4757

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.



43.7810, 0.2070, 0.4091



43.7810, 0.3086, 0.2110



43.7810, 0.3836, 0.5150

Square

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



43.7810, 0.3086, 0.2110



43.7810, 0.5104, 0.3911



43.7810, 0.2897, 0.5043



43.7810, 0.1460, 0.2190

Rectangle

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



43.7810, 0.3086, 0.2110



43.7810, 0.4745, 0.3002



43.7810, 0.2897, 0.5043



43.7810, 0.1699, 0.3299

Sweetspot

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



43.7829, 0.3086, 0.2110



78.6870, 0.3121, 0.2941



33.2306, 0.2254, 0.1947



16.2168, 0.3119, 0.2885



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.



43.7829, 0.3086, 0.2110



37.7241, 0.3071, 0.1916



43.0860, 0.3633, 0.2559



18.2111, 0.3123, 0.3055



12.7479, 0.2980, 0.1415



1.2648, 0.3008, 0.1431

Inverse Universe

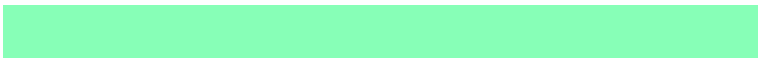
The Inverse Universe completely reimagines the original color for something new.



40.6548, 0.4308, 0.3180



34.3791, 0.4676, 0.3166



80.0851, 0.2831, 0.4176



18.0140, 0.3280, 0.3269



11.1507, 0.6301, 0.3245



1.0944, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 43.7810, 0.3086, 0.2110 looks on a white background.

Color Contrast Check

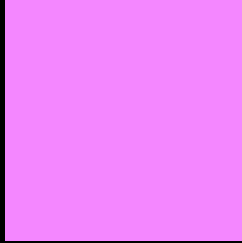
Large Text (above 18pt) WCAG AA × Fail

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 43.7810, 0.3086, 0.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

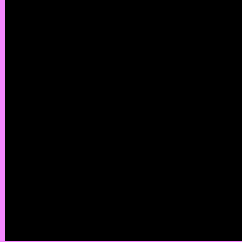
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7810, 0.3086, 0.2110

Background



This preview shows how black text looks on a background with the Yxy color 43.7810, 0.3086, 0.2110.



This preview shows how white text looks on a background with the Yxy color 43.7810, 0.3086, 0.2110.

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

43.7810, 0.3086, 0.2110

Protanopia

44.3640, 0.2405, 0.2322

Deuteranopia

44.2096, 0.2460, 0.2395



Tritanopia

43.3885, 0.3778, 0.3154

Trichromacy



Original Color

43.7810, 0.3086, 0.2110



Protanomaly

42.5520, 0.2609, 0.2204



Deuteranomaly

42.5457, 0.2649, 0.2244

Tritanomaly

43.1362, 0.3511, 0.2729

Monochromacy



Original Color

43.7810, 0.3086, 0.2110



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

43.9424, 0.3116, 0.2763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7810, 0.3086, 0.2110 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(244, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 135, 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(244, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 135, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.7810, 0.3086, 0.2110 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(244, 135, 255) }
```

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

```
.border{ border-color:rgb(244, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 135,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7810, 0.3086, 0.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 135, 255) }
```

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

```
.background{ background-color: rgb(244,  
135, 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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