

Converting Colors

Yxy(55.5313, 0.3076, 0.2446)

Have a look what the booklet for
Yxy(55.5313, 0.3076, 0.2446)
contains.

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Color

Yxy(55.5789, 0.3078, 0.2447)

Conversions

Conversions Part 1

Format	Color
Hex	F4ABFF
RGB	244, 171, 255
RGB Percent	96%, 67%, 100%
CMY	0.0433, 0.3293, 0.0000
CMYK	0.04, 0.33, 0.00, 0.00
HSL	292°, 100%, 84%
HSV	292°, 33%, 100%
XYZ	69.9109, 55.5789, 101.6410
YIQ	202.4030, 16.5440, 41.6000

Conversions

Conversions Part 2

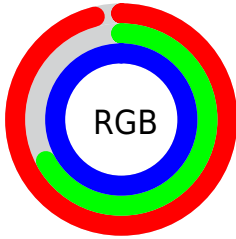
Format	Color
R _Y B	244, 171, 255
Decimal	16034815
CIE Lab	79.37, 40.25, -31.03
CIE LCh	79, 50.819, 322.372
Yxy	55.5789, 0.3078, 0.2447
Android (android.graphics.Color)	4294224895 (0xFFFF4ABFF)
YUV	202.4030, 25.9303, 36.4806
Hunter-Lab	74.5513, 36.9247, -28.6484

Details

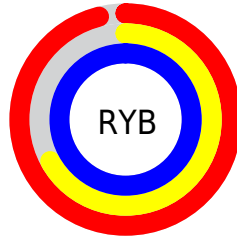
The Yxy color **55.5789, 0.3078, 0.2447** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.4049, 0.3146, 0.4255**, and the grayscale version is **59.1557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **27.3646, 0.3058, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **46.2649, 0.3055, 0.2195**, and if you desaturate by 10%, it is **66.7667, 0.3097, 0.2707**.

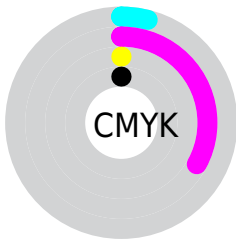
Distribution



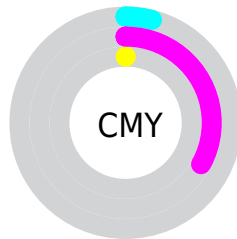
- Red (96%)
- Green (67%)
- Blue (100%)



- Red (96%)
- Yellow (67%)
- Blue (100%)



- Cyan (4%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5789, 0.3078, 0.2447 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 55.5789, 0.3078, 0.2447 by changing the saturation by 10% instead.


 55.5789, 0.3078,
0.2447

 55.5789, 0.3078,
0.2447


408.1026, 0.3112,
0.2826

 39.8654, 0.3068,
0.2364

 98.3886, 0.3092,
0.2576

 27.4336, 0.3053,
0.2263


126.2536, 0.3097,
0.2627

 17.8991, 0.3033,
0.2138


158.9379, 0.3101,
0.2671

 10.8776, 0.3004,
0.1980

196.8259, 0.3104,
0.2709

 5.9846, 0.2958,
0.1775

240.3020, 0.3107,
0.2743

 2.8357, 0.2882,
0.1502

289.7505, 0.3109,

 1.0466, 0.2743,

0.2774

0.1127

345.5559, 0.3111,
0.2801

0.0000, 0.2617,
0.0000

0.0000, 0.0000,
0.0000

55.5789, 0.3078,
0.2447

55.5789, 0.3078,
0.2447

46.2649, 0.3055,
0.2195

66.7667, 0.3097,
0.2707

38.7101, 0.3028,
0.1961

79.9196, 0.3112,
0.2967

32.7987, 0.2998,
0.1756

95.1320, 0.3124,
0.3219

28.3980, 0.2966,
0.1589

99.9993, 0.3127,
0.3290

■ 25.3545, 0.2932,
0.1467

■ 23.4819, 0.2898,
0.1389

■ 22.6730, 0.2873,
0.1357

Harmonies

Analogous

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



55.5789, 0.2476, 0.2270



55.5789, 0.3078, 0.2447



55.5789, 0.3763, 0.2799

Triad

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



55.5789, 0.3078, 0.2447



55.5789, 0.4226, 0.4235



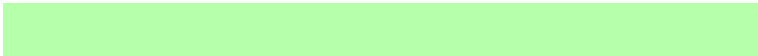
55.5789, 0.2076, 0.3144

Complementary

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



55.5789, 0.3078, 0.2447



84.4049, 0.3146, 0.4255

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.



55.5789, 0.2468, 0.3843



55.5789, 0.3078, 0.2447



55.5789, 0.3706, 0.4506

Square

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



55.5789, 0.3078, 0.2447



55.5789, 0.4459, 0.3772



55.5789, 0.3061, 0.4387



55.5789, 0.1950, 0.2597

Rectangle

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



55.5789, 0.3078, 0.2447



55.5789, 0.4149, 0.3101



55.5789, 0.3061, 0.4387



55.5789, 0.2178, 0.3372

Sweetspot

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



55.5813, 0.3078, 0.2447



84.1664, 0.3116, 0.3042



49.4255, 0.2550, 0.2441



17.5750, 0.3114, 0.3006



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.



55.5813, 0.3078, 0.2447



48.8110, 0.3062, 0.2267



55.7854, 0.3416, 0.2750



18.1723, 0.3117, 0.3054



11.8954, 0.2879, 0.1360



1.1904, 0.2919, 0.1382

Inverse Universe

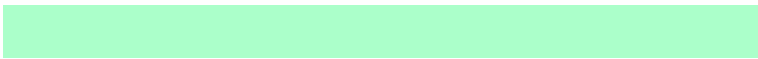
The Inverse Universe completely reimagines the original color for something new.



53.7719, 0.3795, 0.3176



46.8099, 0.4010, 0.3152



84.4291, 0.2921, 0.3902



18.0259, 0.3274, 0.3259



11.1794, 0.6235, 0.3209



1.1000, 0.5983, 0.3069

Previews

White Background



This preview shows how the Yxy color 55.5789, 0.3078, 0.2447 looks on a white background.

Color Contrast Check

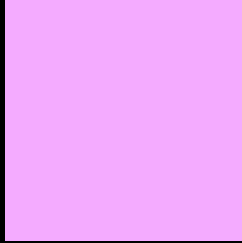
Large Text (above 18pt) WCAG AA × Fail

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 55.5789, 0.3078, 0.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

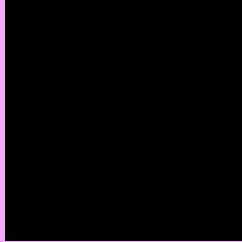
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5789, 0.3078, 0.2447

Background



This preview shows how black text looks on a background with the Yxy color 55.5789, 0.3078, 0.2447.



This preview shows how white text looks on a background with the Yxy color 55.5789, 0.3078, 0.2447.

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

55.5789, 0.3078, 0.2447

Protanopia

55.9535, 0.2625, 0.2605

Deuteranopia

55.7963, 0.2699, 0.2631



Tritanopia

55.7311, 0.3467, 0.3137

Trichromacy



Original Color

55.5789, 0.3078, 0.2447



Protanomaly

55.0343, 0.2772, 0.2532



Deuteranomaly

55.1361, 0.2826, 0.2557

Tritanomaly

55.6529, 0.3323, 0.2873

Monochromacy



Original Color

55.5789, 0.3078, 0.2447



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.2338, 0.3111, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5789, 0.3078, 0.2447 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, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 171, 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, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 171, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.5789, 0.3078, 0.2447 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, 171, 255) }
```

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

```
.border{ border-color:rgb(244, 171, 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, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 171,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5789, 0.3078, 0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 171, 255) }
```

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

```
.background{ background-color: rgb(244,  
171, 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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