

Converting Colors

$Y_{xy}(54.0172, 0.3029, 0.2373)$

Have a look what the booklet for
Yxy(54.0172, 0.3029, 0.2373)
contains.

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Color

Yxy(53.5582, 0.3055, 0.2401)

Conversions

Conversions Part 1

Format	Color
Hex	F1A7FF
RGB	241, 167, 255
RGB Percent	95%, 65%, 100%
CMY	0.0549, 0.3451, 0.0000
CMYK	0.05, 0.35, 0.00, 0.00
HSL	290°, 100%, 83%
HSV	290°, 35%, 100%
XYZ	68.1467, 53.5582, 101.3613
YIQ	199.1580, 15.8560, 43.0560

Conversions

Conversions Part 2

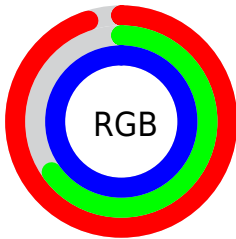
Format	Color
R _Y B	241, 167, 255
Decimal	15837183
CIE _{Lab}	78.20, 41.46, -32.86
CIE _{LCh}	78, 52.909, 321.599
Yxy	53.5582, 0.3055, 0.2401
Android (android.graphics.Color)	4294027263 (0xFFFF1A7FF)
YUV	199.1580, 27.5301, 36.6954
Hunter-Lab	73.1835, 38.1439, -30.8900

Details

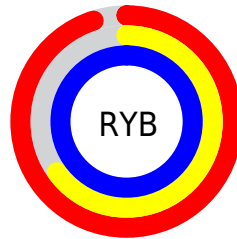
The Yxy color **53.5582, 0.3055, 0.2401** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.1332, 0.3161, 0.4304**, and the grayscale version is **57.0371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.3022, 0.3026, 0.2212** is the 20% darker color. If you saturate the color by 10%, you get **44.4142, 0.3024, 0.2147**, and if you desaturate by 10%, it is **64.5634, 0.3081, 0.2664**.

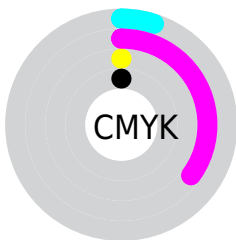
Distribution



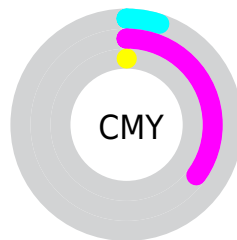
- Red (95%)
- Green (65%)
- Blue (100%)



- Red (95%)
- Yellow (65%)
- Blue (100%)



- Cyan (5%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5582, 0.3055, 0.2401 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 53.5582, 0.3055, 0.2401 by changing the saturation by 10% instead.


 53.5582, 0.3055,
0.2401


 53.5582, 0.3055,
0.2401


400.4230, 0.3101,
0.2801

 38.2486, 0.3041,
0.2313


 95.4252, 0.3074,
0.2537

 26.1757, 0.3023,
0.2207


 122.7515, 0.3080,
0.2591

 16.9551, 0.2998,
0.2075


154.8520, 0.3085,
0.2637

 10.2025, 0.2961,
0.1908

192.1112, 0.3090,
0.2678

 5.5334, 0.2904,
0.1693

234.9135, 0.3093,
0.2714

 2.5635, 0.2811,
0.1406

283.6433, 0.3096,

 0.9084, 0.2643,

0.2746

0.1019

338.6850, 0.3099,
0.2775

■ 0.0000, 0.2428,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5582, 0.3055,
0.2401

■ 53.5582, 0.3055,
0.2401

■ 44.4142, 0.3024,
0.2147

■ 64.5634, 0.3081,
0.2664

■ 37.0174, 0.2989,
0.1912

■ 77.5246, 0.3103,
0.2926

■ 31.2492, 0.2951,
0.1707

■ 92.5365, 0.3121,
0.3180

■ 26.9741, 0.2910,
0.1541

100.0000, 0.3127,
0.3290

■ 24.0343, 0.2867,
0.1420

■ 22.2364, 0.2825,
0.1344

■ 21.5841, 0.2802,
0.1317

Harmonies

Analogous

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



53.5582, 0.2430, 0.2221



53.5582, 0.3055, 0.2401



53.5582, 0.3778, 0.2763

Triad

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



53.5582, 0.3055, 0.2401



53.5582, 0.4290, 0.4265



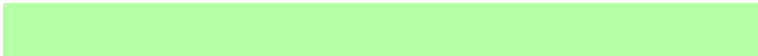
53.5582, 0.2032, 0.3150

Complementary

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



53.5582, 0.3055, 0.2401



84.1332, 0.3161, 0.4304

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.



53.5582, 0.2446, 0.3893



53.5582, 0.3055, 0.2401



53.5582, 0.3747, 0.4568

Square

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



53.5582, 0.3055, 0.2401



53.5582, 0.4530, 0.3773



53.5582, 0.3071, 0.4463



53.5582, 0.1896, 0.2570

Rectangle

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



53.5582, 0.3055, 0.2401



53.5582, 0.4192, 0.3076



53.5582, 0.3071, 0.4463



53.5582, 0.2140, 0.3392

Sweetspot

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



53.5599, 0.3055, 0.2401



84.0348, 0.3111, 0.3041



48.7556, 0.2523, 0.2429



17.5429, 0.3109, 0.3005



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.



53.5599, 0.3055, 0.2401



47.4187, 0.3036, 0.2235



54.3706, 0.3408, 0.2696



18.1455, 0.3112, 0.3054



11.3329, 0.2809, 0.1321



1.1409, 0.2857, 0.1348

Inverse Universe

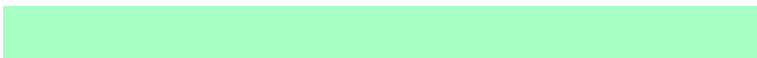
The Inverse Universe completely reimagines the original color for something new.



52.2339, 0.3817, 0.3145



46.0094, 0.4012, 0.3118



83.7364, 0.2927, 0.3973



18.0342, 0.3269, 0.3252



11.2047, 0.6179, 0.3177



1.1038, 0.5903, 0.3026

Previews

White Background



This preview shows how the Yxy color 53.5582, 0.3055, 0.2401 looks on a white background.

Color Contrast Check

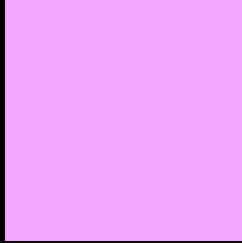
Large Text (above 18pt) WCAG AA × Fail

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 53.5582, 0.3055, 0.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

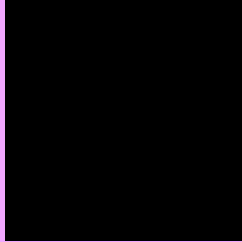
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5582, 0.3055, 0.2401

Background



This preview shows how black text looks on a background with the Yxy color 53.5582, 0.3055, 0.2401.



This preview shows how white text looks on a background with the Yxy color 53.5582, 0.3055, 0.2401.

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

53.5582, 0.3055, 0.2401

Protanopia

54.0332, 0.2589, 0.2564

Deuteranopia

53.7370, 0.2655, 0.2589



Tritanopia

53.2463, 0.3474, 0.3134

Trichromacy



Original Color

53.5582, 0.3055, 0.2401



Protanomaly

53.2291, 0.2741, 0.2492



Deuteranomaly

53.1807, 0.2788, 0.2516

Tritanomaly

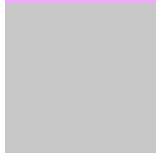
53.2800, 0.3310, 0.2845

Monochromacy



Original Color

53.5582, 0.3055, 0.2401



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.9513, 0.3104, 0.2926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5582, 0.3055, 0.2401 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(241, 167, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 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(241, 167, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5582, 0.3055, 0.2401 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(241, 167, 255) }
```

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

```
.border{ border-color:rgb(241, 167, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 167, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5582, 0.3055, 0.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 255) }
```

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

```
.background{ background-color: rgb(241,  
167, 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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