

Converting Colors

Yxy(53.5564, 0.3120, 0.2380)

Have a look what the booklet for
Yxy(53.5564, 0.3120, 0.2380)
contains.

Yxy(53.5541, 0.3120, 0.2380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.5541, 0.3120, 0.2380)

Conversions

Conversions Part 1

Format	Color
Hex	F9A3FF
RGB	249, 163, 255
RGB Percent	98%, 64%, 100%
CMY	0.0237, 0.3607, 0.0000
CMYK	0.02, 0.36, 0.00, 0.00
HSL	296°, 100%, 82%
HSV	296°, 36%, 100%
XYZ	70.2054, 53.5541, 101.2578
YIQ	199.2020, 21.7240, 46.8440

Conversions

Conversions Part 2

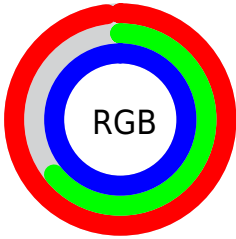
Format	Color
R _Y B	249, 163, 255
Decimal	16360447
CIE Lab	78.20, 45.94, -32.80
CIE LCh	78, 56.445, 324.470
Yxy	53.5541, 0.3120, 0.2380
Android (android.graphics.Color)	4294550527 (0xFFF9A3FF)
YUV	199.2020, 27.5084, 43.6728
Hunter-Lab	73.1807, 43.1766, -30.8112

Details

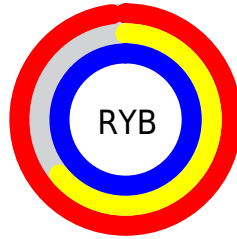
The Yxy color **53.5541, 0.3120, 0.2380** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.6071, 0.3111, 0.4374**, and the grayscale version is **57.0625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **26.0909, 0.3102, 0.2179** is the 20% darker color. If you saturate the color by 10%, you get **45.0869, 0.3113, 0.2142**, and if you desaturate by 10%, it is **63.8521, 0.3125, 0.2632**.

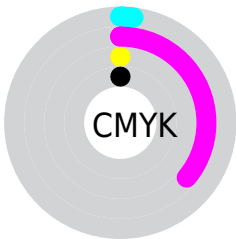
Distribution



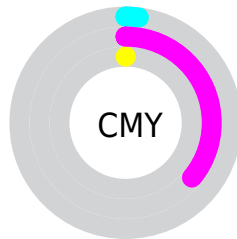
- Red (98%)
- Green (64%)
- Blue (100%)



- Red (98%)
- Yellow (64%)
- Blue (100%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5541, 0.3120, 0.2380 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 53.5541, 0.3120, 0.2380 by changing the saturation by 10% instead.


 53.5541, 0.3120,
0.2380


 53.5541, 0.3120,
0.2380


400.4074, 0.3136,
0.2788

 38.2453, 0.3113,
0.2291

 95.4192, 0.3128,
0.2518

 26.1731, 0.3103,
0.2183

 122.7443, 0.3131,
0.2573

 16.9532, 0.3088,
0.2050


154.8436, 0.3132,
0.2621

 10.2011, 0.3065,
0.1882

192.1016, 0.3134,
0.2662

 5.5325, 0.3026,
0.1666

234.9025, 0.3135,
0.2699

 2.5630, 0.2959,
0.1380

283.6309, 0.3136,

 0.9081, 0.2828,

0.2732

0.0996

338.6710, 0.3136,
0.2761

■ 0.0000, 0.2677,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5541, 0.3120,
0.2380

■ 53.5541, 0.3120,
0.2380

■ 45.0869, 0.3113,
0.2142

■ 63.8521, 0.3125,
0.2632

■ 38.3364, 0.3104,
0.1928

■ 76.0784, 0.3127,
0.2888

■ 33.1816, 0.3093,
0.1748

■ 90.3278, 0.3128,
0.3141

■ 29.4840, 0.3080,
0.1609

100.0000, 0.3127,
0.3290

■ 27.0818, 0.3064,
0.1514

■ 25.7736, 0.3048,
0.1462

■ 25.4418, 0.3042,
0.1449

Harmonies

Analogous

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



53.5541, 0.2440, 0.2170



53.5541, 0.3120, 0.2380



53.5541, 0.3890, 0.2775

Triad

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



53.5541, 0.3120, 0.2380



53.5541, 0.4312, 0.4359



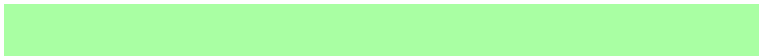
53.5541, 0.1941, 0.3064

Complementary

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



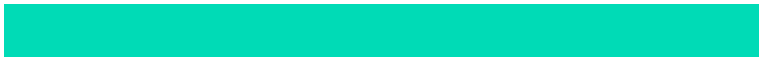
53.5541, 0.3120, 0.2380



82.6071, 0.3111, 0.4374

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.



53.5541, 0.2347, 0.3859



53.5541, 0.3120, 0.2380



53.5541, 0.3711, 0.4665

Square

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



53.5541, 0.3120, 0.2380



53.5541, 0.4612, 0.3844



53.5541, 0.2991, 0.4512



53.5541, 0.1829, 0.2477

Rectangle

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



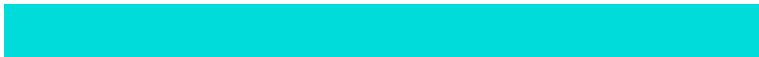
53.5541, 0.3120, 0.2380



53.5541, 0.4315, 0.3108



53.5541, 0.2991, 0.4512



53.5541, 0.2044, 0.3318

Sweetspot

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



53.5554, 0.3120, 0.2380



83.0432, 0.3127, 0.3017



43.4428, 0.2476, 0.2271



17.3649, 0.3127, 0.2983



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.



53.5554, 0.3120, 0.2380



47.4980, 0.3116, 0.2213



52.3765, 0.3507, 0.2757



18.2361, 0.3127, 0.3055



13.3198, 0.3045, 0.1451



1.3145, 0.3065, 0.1462

Inverse Universe

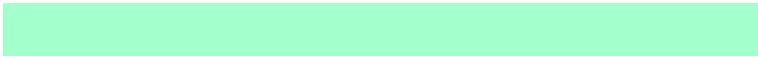
The Inverse Universe completely reimagines the original color for something new.



50.3297, 0.3946, 0.3229



43.9030, 0.4187, 0.3218



83.6151, 0.2873, 0.3897



18.0064, 0.3284, 0.3275



11.1367, 0.6334, 0.3263



1.0908, 0.6182, 0.3179

Previews

White Background



This preview shows how the Yxy color 53.5541, 0.3120, 0.2380 looks on a white background.

Color Contrast Check

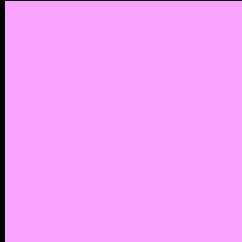
Large Text (above 18pt) WCAG AA × Fail

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 53.5541, 0.3120, 0.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

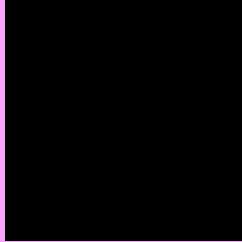
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5541, 0.3120, 0.2380

Background



This preview shows how black text looks on a background with the Yxy color 53.5541, 0.3120, 0.2380.

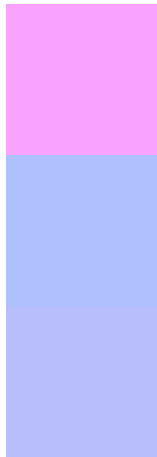


This preview shows how white text looks on a background with the Yxy color 53.5541, 0.3120, 0.2380.

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

53.5541, 0.3120, 0.2380

Protanopia

54.0332, 0.2589, 0.2564

Deuteranopia

53.7963, 0.2668, 0.2600



Tritanopia

53.2936, 0.3577, 0.3138

Trichromacy



Original Color

53.5541, 0.3120, 0.2380



Protanomaly

52.8243, 0.2761, 0.2475



Deuteranomaly

52.9362, 0.2816, 0.2500

Tritanomaly

53.0355, 0.3401, 0.2833

Monochromacy



Original Color

53.5541, 0.3120, 0.2380



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.9840, 0.3128, 0.2917

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5541, 0.3120, 0.2380 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(249, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 163, 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(249, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 163, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5541, 0.3120, 0.2380 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(249, 163, 255) }
```

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

```
.border{ border-color:rgb(249, 163, 255) }
```

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

Here you see how a box with a 4 pixel rgb(249, 163, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 163,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5541, 0.3120, 0.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 163, 255) }
```

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

```
.background{ background-color: rgb(249,  
163, 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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