

Converting Colors

$Yxy(43.1467, 0.3219, 0.2101)$

Have a look what the booklet for
Yxy(43.1467, 0.3219, 0.2101)
contains.

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Color

Yxy(43.1467, 0.3219, 0.2101)

Conversions

Conversions Part 1

Format	Color
Hex	FF7EFB
RGB	255, 126, 251
RGB Percent	100%, 49%, 98%
CMY	0.0001, 0.5058, 0.0157
CMYK	0.00, 0.51, 0.02, 0.00
HSL	302°, 100%, 75%
HSV	302°, 51%, 100%
XYZ	66.1062, 43.1467, 96.1097
YIQ	178.8210, 36.7590, 66.2230

Conversions

Conversions Part 2

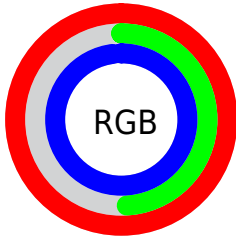
Format	Color
R_{YB}	255, 126, 251
Decimal	16744187
CIE _{Lab}	71.65, 65.18, -40.72
CIE _{LCh}	72, 76.856, 328.004
Yxy	43.1467, 0.3219, 0.2101
Android (android.graphics.Color)	4294934267 (0xFFFF7EFB)
YUV	178.8210, 35.5842, 66.8090
Hunter-Lab	65.6861, 64.6909, -40.7708

Details

The Yxy color **43.1467, 0.3219, 0.2101** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **77.5539, 0.3034, 0.4863**, and the grayscale version is **44.7752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3470, 0.3160, 0.2585**, and **19.8870, 0.3219, 0.1849** is the 20% darker color. If you saturate the color by 10%, you get **37.3869, 0.3237, 0.1917**, and if you desaturate by 10%, it is **50.5721, 0.3200, 0.2315**.

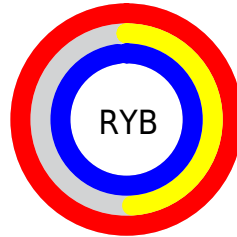
Distribution



Red (100%)

Green (49%)

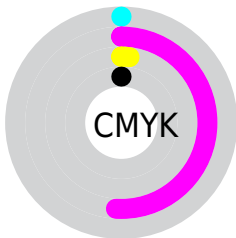
Blue (98%)



Red (100%)

Yellow (49%)

Blue (98%)

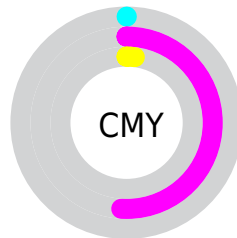


Cyan (0%)

Magenta (51%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (51%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1467, 0.3219, 0.2101 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 43.1467, 0.3219, 0.2101 by changing the saturation by 10% instead.

 43.1467, 0.3219,
0.2101


 43.1467, 0.3219,
0.2101

359.2147, 0.3198,
0.2633

 30.0002, 0.3219,
0.1986


 79.9322, 0.3216,
0.2281

 19.8388, 0.3215,
0.1847


 104.3400, 0.3213,
0.2352

 12.2779, 0.3207,
0.1677


 133.2704, 0.3211,
0.2414

 6.9332, 0.3188,
0.1467

167.1077, 0.3208,
0.2469

 3.4204, 0.3150,
0.1204

206.2365, 0.3205,
0.2517

 1.3549, 0.3070,
0.0873

251.0409, 0.3203,

 0.1832, 0.2965,

0.2560

301.9056, 0.3200,
0.2598

0.0253

0.0000, 0.2505,
0.0000

0.0000, 0.0000,
0.0000

43.1467, 0.3219,
0.2101

43.1467, 0.3219,
0.2101

37.3869, 0.3237,
0.1917

50.5721, 0.3200,
0.2315

33.1579, 0.3253,
0.1771

59.7725, 0.3181,
0.2548

30.3140, 0.3268,
0.1668

70.8548, 0.3162,
0.2792

28.6784, 0.3280,
0.1608

83.9159, 0.3145,
0.3037

■ 27.9778, 0.3289,
0.1586

99.0461, 0.3128,
0.3277

99.9954, 0.3127,
0.3290

Harmonies

Analogous

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



43.1467, 0.2247, 0.1798



43.1467, 0.3219, 0.2101



43.1467, 0.4354, 0.2629

Triad

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



43.1467, 0.3219, 0.2101



43.1467, 0.4622, 0.4761



43.1467, 0.1460, 0.2782

Complementary

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



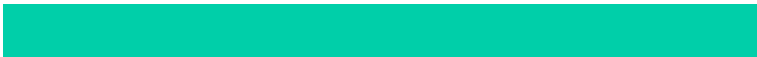
43.1467, 0.3219, 0.2101



77.5539, 0.3034, 0.4863

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.



43.1467, 0.1913, 0.3980



43.1467, 0.3219, 0.2101



43.1467, 0.3730, 0.5304

Square

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



43.1467, 0.3219, 0.2101



43.1467, 0.5184, 0.4012



43.1467, 0.2743, 0.5094



43.1467, 0.1387, 0.2054

Rectangle

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



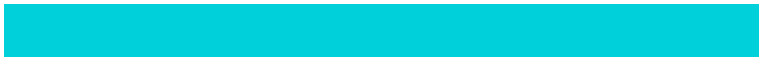
43.1467, 0.3219, 0.2101



43.1467, 0.4945, 0.3060



43.1467, 0.2743, 0.5094



43.1467, 0.1565, 0.3139

Sweetspot

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



43.1486, 0.3219, 0.2101



77.9012, 0.3152, 0.2929



26.7494, 0.2164, 0.1681



16.0891, 0.3156, 0.2877



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.



43.1486, 0.3219, 0.2101



37.1841, 0.3238, 0.1910



39.8297, 0.3853, 0.2654



18.2901, 0.3143, 0.3063



14.6265, 0.3288, 0.1585



1.4271, 0.3278, 0.1580

Inverse Universe

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



43.1486, 0.3219, 0.2101



37.1841, 0.3238, 0.1910



79.7768, 0.2745, 0.4059



18.2901, 0.3143, 0.3063



14.6265, 0.3288, 0.1585



1.4271, 0.3278, 0.1580

Previews

White Background



This preview shows how the Yxy color 43.1467, 0.3219, 0.2101 looks on a white background.

Color Contrast Check

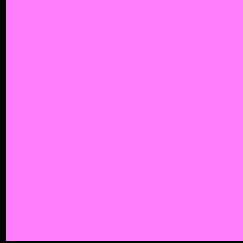
Large Text (above 18pt) WCAG AA × Fail

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 43.1467, 0.3219, 0.2101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

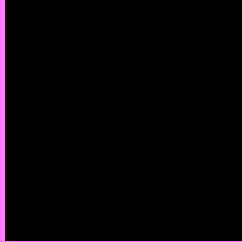
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1467, 0.3219, 0.2101

Background



This preview shows how black text looks on a background with the Yxy color 43.1467, 0.3219, 0.2101.



This preview shows how white text looks on a background with the Yxy color 43.1467, 0.3219, 0.2101.

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

43.1467, 0.3219, 0.2101

Protanopia

43.4030, 0.2389, 0.2294

Deuteranopia

43.6132, 0.2492, 0.2435



Tritanopia

42.9161, 0.4003, 0.3172

Trichromacy



Original Color

43.1467, 0.3219, 0.2101



Protanomaly

41.4975, 0.2633, 0.2174



Deuteranomaly

41.8441, 0.2718, 0.2266



Tritanomaly

42.5184, 0.3712, 0.2740

Monochromacy



Original Color

43.1467, 0.3219, 0.2101



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

42.8148, 0.3171, 0.2752

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1467, 0.3219, 0.2101 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(255, 126, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 251)  
}
```

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(255, 126, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 251) }
```

Border

The CSS property to change the border of an element to Yxy 43.1467, 0.3219, 0.2101 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(255, 126, 251) }
```

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

```
.border{ border-color:rgb(255, 126, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1467, 0.3219, 0.2101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 251) }
```

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

```
.background{ background-color: rgb(255,  
126, 251) }
```

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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