

Converting Colors

$Y_{xy}(41.5655, 0.3236, 0.2132)$

Have a look what the booklet for
Yxy(41.5655, 0.3236, 0.2132)
contains.

Yxy(41.5229, 0.3237, 0.2131)	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(41.5229, 0.3237, 0.2131)

Conversions

Conversions Part 1

Format	Color
Hex	FA7DF4
RGB	250, 125, 244
RGB Percent	98%, 49%, 96%
CMY	0.0198, 0.5096, 0.0432
CMYK	0.00, 0.50, 0.02, 0.02
HSL	303°, 93%, 74%
HSV	303°, 50%, 98%
XYZ	63.0735, 41.5229, 90.2553
YIQ	175.9410, 36.3010, 63.5090

Conversions

Conversions Part 2

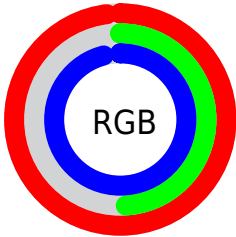
Format	Color
R _Y B	250, 125, 244
Decimal	16416244
CIE Lab	70.54, 63.10, -38.67
CIE LCh	71, 74.004, 328.501
Yxy	41.5229, 0.3237, 0.2131
Android (android.graphics.Color)	4294606324 (0xFFFA7DF4)
YUV	175.9410, 33.5531, 64.9497
Hunter-Lab	64.4383, 61.9525, -37.9376

Details

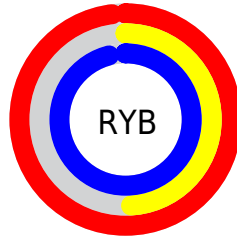
The Yxy color **41.5229, 0.3237, 0.2131** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **74.3512, 0.3026, 0.4814**, and the grayscale version is **43.1964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9359, 0.3161, 0.2575**, and **18.9205, 0.3244, 0.1884** is the 20% darker color. If you saturate the color by 10%, you get **35.8975, 0.3260, 0.1947**, and if you desaturate by 10%, it is **48.7448, 0.3213, 0.2344**.

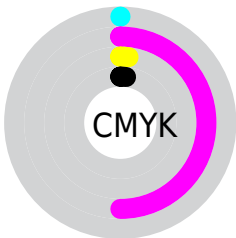
Distribution



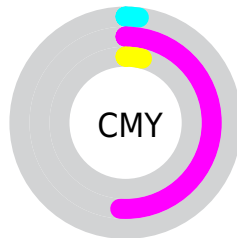
- Red (98%)
- Green (49%)
- Blue (96%)



- Red (98%)
- Yellow (49%)
- Blue (96%)



- Cyan (0%)
- Magenta (50%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (51%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5229, 0.3237, 0.2131 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 41.5229, 0.3237, 0.2131 by changing the saturation by 10% instead.


 41.5229, 0.3237,
0.2131


 41.5229, 0.3237,
0.2131


352.5013, 0.3205,
0.2655

 28.7279, 0.3239,
0.2016


 77.4770, 0.3230,
0.2310

 18.8751, 0.3239,
0.1877


 101.4050, 0.3226,
0.2380

 11.5800, 0.3235,
0.1706


 129.8127, 0.3222,
0.2441

 6.4584, 0.3221,
0.1492

163.0845, 0.3219,
0.2495

 3.1258, 0.3190,
0.1221

201.6049, 0.3215,
0.2542

 1.1977, 0.3117,
0.0878

245.7582, 0.3212,

 0.0599, 0.3059,

0.2584

0.0099

295.9289, 0.3208,
0.2622

■ 0.0000, 0.2433,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.5229, 0.3237,
0.2131

■ 41.5229, 0.3237,
0.2131

■ 35.8975, 0.3260,
0.1947

■ 48.7448, 0.3213,
0.2344

■ 31.7412, 0.3282,
0.1800


■ 57.6668, 0.3190,
0.2575

■ 28.9165, 0.3302,
0.1695


■ 68.3902, 0.3167,
0.2815


■ 27.2573, 0.3320,
0.1634


■ 81.0070, 0.3146,
0.3056


 26.4903, 0.3335,
0.1611


 95.6026, 0.3127,
0.3291

 26.4888, 0.3335,
0.1611

 98.8127, 0.3118,
0.3327

 98.8887, 0.3111,
0.3315

 98.9651, 0.3104,
0.3304

 99.0419, 0.3097,
0.3292

Harmonies

Analogous

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



41.5229, 0.2279, 0.1828



41.5229, 0.3237, 0.2131



41.5229, 0.4341, 0.2654

Triad

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



41.5229, 0.3237, 0.2131



41.5229, 0.4586, 0.4751



41.5229, 0.1488, 0.2782

Complementary

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



41.5229, 0.3237, 0.2131



74.3512, 0.3026, 0.4814

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.



41.5229, 0.1930, 0.3942



41.5229, 0.3237, 0.2131



41.5229, 0.3711, 0.5261

Square

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



41.5229, 0.3237, 0.2131



41.5229, 0.5138, 0.4021



41.5229, 0.2742, 0.5030



41.5229, 0.1420, 0.2074

Rectangle

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



41.5229, 0.3237, 0.2131



41.5229, 0.4912, 0.3081



41.5229, 0.2742, 0.5030



41.5229, 0.1591, 0.3128

Sweetspot

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



41.5248, 0.3237, 0.2131



77.8593, 0.3157, 0.2935



26.2606, 0.2192, 0.1709



16.0789, 0.3161, 0.2884



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.



41.5248, 0.3237, 0.2131



37.5191, 0.3260, 0.1945



38.4278, 0.3863, 0.2683



17.5093, 0.3145, 0.3067



14.0615, 0.3333, 0.1610



1.3066, 0.3317, 0.1601

Inverse Universe

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



41.5248, 0.3237, 0.2131



37.5191, 0.3260, 0.1945



76.5026, 0.2738, 0.4020



17.5093, 0.3145, 0.3067



14.0615, 0.3333, 0.1610



1.3066, 0.3317, 0.1601

Previews

White Background



This preview shows how the Yxy color 41.5229, 0.3237, 0.2131 looks on a white background.

Color Contrast Check

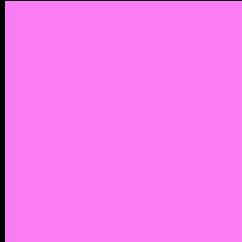
Large Text (above 18pt) WCAG AA × Fail

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 41.5229, 0.3237, 0.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

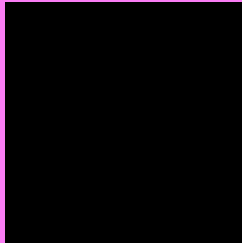
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5229, 0.3237, 0.2131

Background



This preview shows how black text looks on a background with the Yxy color 41.5229, 0.3237, 0.2131.

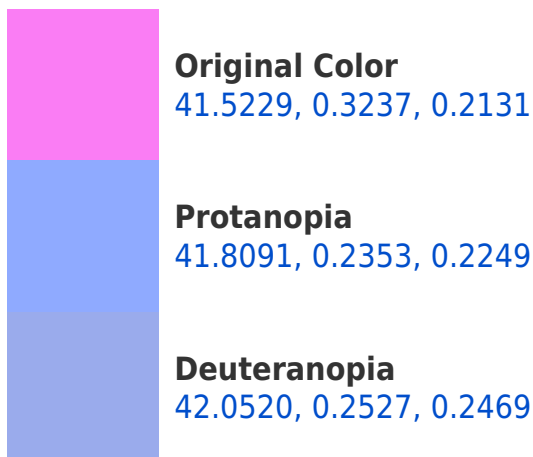


This preview shows how white text looks on a background with the Yxy color 41.5229, 0.3237, 0.2131.

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





Tritanopia

41.3428, 0.3983, 0.3169

Trichromacy



Original Color

41.5229, 0.3237, 0.2131



Protanomaly

40.0213, 0.2612, 0.2166



Deuteranomaly

40.1620, 0.2747, 0.2293



Tritanomaly

40.9058, 0.3700, 0.2740

Monochromacy



Original Color

41.5229, 0.3237, 0.2131



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.0275, 0.3171, 0.2755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5229, 0.3237, 0.2131 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(250, 125, 244)` looks like.

```
.text, #text, p{  
    color:rgb(250, 125, 244)  
}
```

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(250, 125, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 125, 244) }
```

Border

The CSS property to change the border of an element to Yxy 41.5229, 0.3237, 0.2131 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(250, 125, 244) }
```

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

```
.border{ border-color:rgb(250, 125, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 125, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 125, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 125, 244);  
box-shadow:4px 4px 4px 4px rgb(250, 125,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5229, 0.3237, 0.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 125, 244) }
```

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

```
.background{ background-color: rgb(250,  
125, 244) }
```

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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