

Converting Colors

$Y_{xy}(44.4075, 0.3184, 0.2146)$

Have a look what the booklet for
Yxy(44.4075, 0.3184, 0.2146)
contains.

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Color

Yxy(44.4355, 0.3190, 0.2149)

Conversions

Conversions Part 1

Format	Color
Hex	FC85FB
RGB	252, 133, 251
RGB Percent	99%, 52%, 98%
CMY	0.0116, 0.4786, 0.0156
CMYK	0.00, 0.47, 0.00, 0.01
HSL	301°, 95%, 75%
HSV	301°, 47%, 99%
XYZ	65.9606, 44.4355, 96.3769
YIQ	182.0330, 33.0460, 61.9260

Conversions

Conversions Part 2

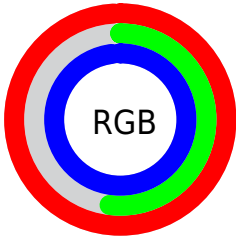
Format	Color
R _Y B	252, 133, 251
Decimal	16549371
CIE Lab	72.52, 61.13, -39.41
CIE LCh	73, 72.733, 327.190
Yxy	44.4355, 0.3190, 0.2149
Android (android.graphics.Color)	4294739451 (0xFFFC85FB)
YUV	182.0330, 34.0007, 61.3611
Hunter-Lab	66.6600, 59.9722, -39.0594

Details

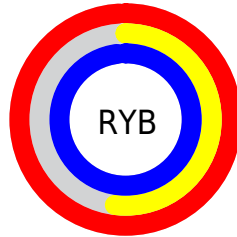
The Yxy color **44.4355, 0.3190, 0.2149** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **76.3602, 0.3052, 0.4776**, and the grayscale version is **46.5944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8752, 0.3157, 0.2644**, and **20.5403, 0.3180, 0.1900** is the 20% darker color. If you saturate the color by 10%, you get **38.3324, 0.3202, 0.1952**, and if you desaturate by 10%, it is **52.1980, 0.3177, 0.2373**.

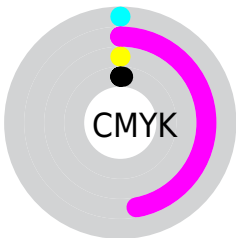
Distribution



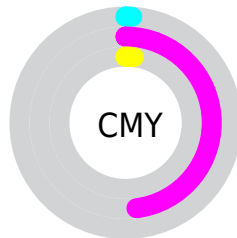
- Red (99%)
- Green (52%)
- Blue (98%)



- Red (99%)
- Yellow (52%)
- Blue (98%)



- Cyan (0%)
- Magenta (47%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (48%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4355, 0.3190, 0.2149 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 44.4355, 0.3190, 0.2149 by changing the saturation by 10% instead.


 44.4355, 0.3190,
0.2149

 44.4355, 0.3190,
0.2149


364.4825, 0.3181,
0.2661


 31.0130, 0.3187,
0.2038


 81.8727, 0.3191,
0.2322

 20.6088, 0.3181,
0.1903


 106.6561, 0.3190,
0.2391

 12.8383, 0.3169,
0.1739


 135.9954, 0.3189,
0.2451

 7.3173, 0.3147,
0.1534

170.2749, 0.3187,
0.2503

 3.6613, 0.3105,
0.1276

209.8789, 0.3186,
0.2549

 1.4860, 0.3022,
0.0947

255.1919, 0.3184,

 0.2788, 0.2897,

0.2591

0.0379

306.5983, 0.3182,
0.2627

0.0000, 0.2465,
0.0000

0.0000, 0.0000,
0.0000

44.4355, 0.3190,
0.2149

44.4355, 0.3190,
0.2149

38.3324, 0.3202,
0.1952

52.1980, 0.3177,
0.2373

33.7625, 0.3212,
0.1790

61.7224, 0.3164,
0.2615

30.5908, 0.3220,
0.1671

73.1100, 0.3150,
0.2865

28.6568, 0.3226,
0.1595

86.4527, 0.3136,
0.3114

■ 27.7527, 0.3231,
0.1560

■ 99.2611, 0.3125,
0.3318

■ 27.5982, 0.3231,
0.1554

■ 99.2751, 0.3124,
0.3315

■ 99.2891, 0.3123,
0.3313

■ 99.3031, 0.3122,
0.3311

■ 99.3172, 0.3120,
0.3309

Harmonies

Analogous

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



44.4355, 0.2276, 0.1864



44.4355, 0.3190, 0.2149



44.4355, 0.4252, 0.2652

Triad

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



44.4355, 0.3190, 0.2149



44.4355, 0.4580, 0.4686



44.4355, 0.1551, 0.2849

Complementary

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



44.4355, 0.3190, 0.2149



76.3602, 0.3052, 0.4776

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.



44.4355, 0.2003, 0.3970



44.4355, 0.3190, 0.2149



44.4355, 0.3744, 0.5178

Square

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



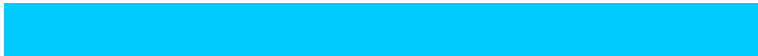
44.4355, 0.3190, 0.2149



44.4355, 0.5083, 0.3982



44.4355, 0.2804, 0.4982



44.4355, 0.1465, 0.2138

Rectangle

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



44.4355, 0.3190, 0.2149



44.4355, 0.4815, 0.3067



44.4355, 0.2804, 0.4982



44.4355, 0.1658, 0.3188

Sweetspot

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



44.4375, 0.3190, 0.2149



79.2796, 0.3145, 0.2946



28.7817, 0.2224, 0.1796



16.3630, 0.3148, 0.2892



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.



44.4375, 0.3190, 0.2149



39.4749, 0.3202, 0.1956



41.3001, 0.3762, 0.2673



17.5218, 0.3139, 0.3058



14.3705, 0.3231, 0.1554



1.3318, 0.3228, 0.1552

Inverse Universe

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



44.4375, 0.3190, 0.2149



39.4749, 0.3202, 0.1956



78.4671, 0.2773, 0.4024



17.5218, 0.3139, 0.3058



14.3705, 0.3231, 0.1554



1.3318, 0.3228, 0.1552

Previews

White Background



This preview shows how the Yxy color 44.4355, 0.3190, 0.2149 looks on a white background.

Color Contrast Check

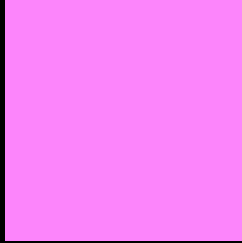
Large Text (above 18pt) WCAG AA × Fail

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 44.4355, 0.3190, 0.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

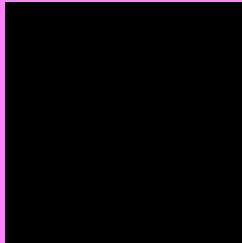
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4355, 0.3190, 0.2149

Background



This preview shows how black text looks on a background with the Yxy color 44.4355, 0.3190, 0.2149.



This preview shows how white text looks on a background with the Yxy color 44.4355, 0.3190, 0.2149.

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

44.4355, 0.3190, 0.2149

Protanopia

44.9461, 0.2419, 0.2337

Deuteranopia

44.7908, 0.2522, 0.2466



Tritanopia

44.1999, 0.3892, 0.3159

Trichromacy



Original Color

44.4355, 0.3190, 0.2149



Protanomaly

42.9887, 0.2645, 0.2221



Deuteranomaly

43.0019, 0.2728, 0.2303



Tritanomaly

43.9558, 0.3630, 0.2756

Monochromacy



Original Color

44.4355, 0.3190, 0.2149



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.3213, 0.3151, 0.2778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4355, 0.3190, 0.2149 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(252, 133, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 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(252, 133, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 251) }
```

Border

The CSS property to change the border of an element to Yxy 44.4355, 0.3190, 0.2149 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(252, 133, 251) }
```

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

```
.border{ border-color:rgb(252, 133, 251) }
```

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

Here you see how a box with a 4 pixel rgb(252, 133, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4355, 0.3190, 0.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 133, 251) }
```

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

```
.background{ background-color: rgb(252,  
133, 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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