

Converting Colors

$Y_{xy}(41.6755, 0.3295, 0.2099)$

Have a look what the booklet for
Yxy(41.6755, 0.3295, 0.2099)
contains.

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Color

Yxy(41.1075, 0.3268, 0.2083)

Conversions

Conversions Part 1

Format	Color
Hex	FF77F6
RGB	255, 119, 246
RGB Percent	100%, 47%, 96%
CMY	0.0000, 0.5335, 0.0352
CMYK	0.00, 0.53, 0.04, 0.00
HSL	304°, 100%, 73%
HSV	304°, 53%, 100%
XYZ	64.4932, 41.1075, 91.7469
YIQ	174.1420, 40.2890, 68.3290

Conversions

Conversions Part 2

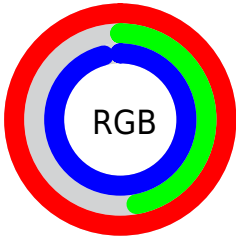
Format	Color
R _Y B	255, 119, 246
Decimal	16742390
CIE _{Lab}	70.25, 67.60, -40.19
CIE _{LCh}	70, 78.644, 329.263
Yxy	41.1075, 0.3268, 0.2083
Android (android.graphics.Color)	4294932470 (0xFFFF77F6)
YUV	174.1420, 35.4260, 70.9125
Hunter-Lab	64.1151, 67.3511, -39.9617

Details

The Yxy color **41.1075, 0.3268, 0.2083** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **76.9944, 0.3009, 0.4904**, and the grayscale version is **42.1871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5307, 0.3163, 0.2517**, and **18.5079, 0.3273, 0.1819** is the 20% darker color. If you saturate the color by 10%, you get **35.7200, 0.3296, 0.1912**, and if you desaturate by 10%, it is **48.1012, 0.3238, 0.2285**.

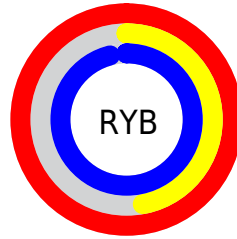
Distribution



Red (100%)

Green (47%)

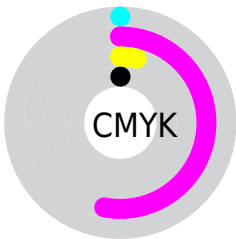
Blue (96%)



Red (100%)

Yellow (47%)

Blue (96%)

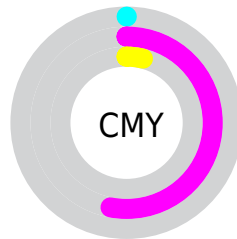


Cyan (0%)

Magenta (53%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1075, 0.3268, 0.2083 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 41.1075, 0.3268, 0.2083 by changing the saturation by 10% instead.

 41.1075, 0.3268,
0.2083


 41.1075, 0.3268,
0.2083


350.7697, 0.3223,
0.2626

 28.4031, 0.3273,
0.1965


 76.8471, 0.3257,
0.2267

 18.6297, 0.3276,
0.1822


 100.6510, 0.3251,
0.2340

 11.4030, 0.3275,
0.1648


 128.9236, 0.3246,
0.2403

 6.3386, 0.3266,
0.1431

162.0492, 0.3241,
0.2459

 3.0521, 0.3240,
0.1159

200.4122, 0.3236,
0.2508

 1.1590, 0.3175,
0.0819

244.3970, 0.3231,

 0.0278, 0.3132,

0.2552

0.0044

294.3881, 0.3227,
0.2591

0.0000, 0.2573,
0.0000

0.0000, 0.0000,
0.0000

41.1075, 0.3268,
0.2083

41.1075, 0.3268,
0.2083

35.7200, 0.3296,
0.1912

48.1012, 0.3238,
0.2285

31.8386, 0.3324,
0.1781

56.8532, 0.3210,
0.2508


29.2977, 0.3349,
0.1693

67.4600, 0.3183,
0.2743

27.9092, 0.3372,
0.1649

80.0205, 0.3157,
0.2980

 27.4440, 0.3385,
0.1639

 94.6268, 0.3134,
0.3214

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



41.1075, 0.2250, 0.1762



41.1075, 0.3268, 0.2083



41.1075, 0.4446, 0.2631

Triad

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



41.1075, 0.3268, 0.2083



41.1075, 0.4624, 0.4826



41.1075, 0.1398, 0.2713

Complementary

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



41.1075, 0.3268, 0.2083



76.9944, 0.3009, 0.4904

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.



41.1075, 0.1840, 0.3948



41.1075, 0.3268, 0.2083



41.1075, 0.3693, 0.5390

Square

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



41.1075, 0.3268, 0.2083



41.1075, 0.5236, 0.4049



41.1075, 0.2678, 0.5145



41.1075, 0.1342, 0.1990

Rectangle

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



41.1075, 0.3268, 0.2083



41.1075, 0.5044, 0.3073



41.1075, 0.2678, 0.5145



41.1075, 0.1499, 0.3076

Sweetspot

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



41.0964, 0.3267, 0.2083



76.5024, 0.3164, 0.2918



24.8173, 0.2133, 0.1594



15.8097, 0.3169, 0.2869



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.



41.0964, 0.3267, 0.2083



35.4259, 0.3298, 0.1902



37.7430, 0.3966, 0.2669



18.2785, 0.3148, 0.3071



14.3489, 0.3382, 0.1637



1.4031, 0.3360, 0.1625

Inverse Universe

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



41.0964, 0.3267, 0.2083



35.4259, 0.3298, 0.1902



79.3231, 0.2710, 0.4051



18.2785, 0.3148, 0.3071



14.3489, 0.3382, 0.1637



1.4031, 0.3360, 0.1625

Previews

White Background



This preview shows how the Yxy color 41.1075, 0.3268, 0.2083 looks on a white background.

Color Contrast Check

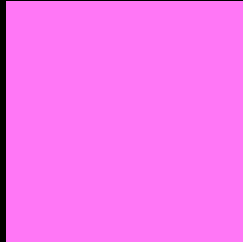
Large Text (above 18pt) WCAG AA × Fail

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 41.1075, 0.3268, 0.2083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

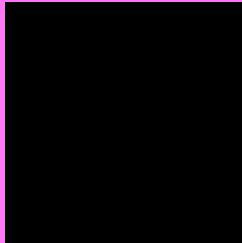
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1075, 0.3268, 0.2083

Background



This preview shows how black text looks on a background with the Yxy color 41.1075, 0.3268, 0.2083.



This preview shows how white text looks on a background with the Yxy color 41.1075, 0.3268, 0.2083.

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

41.1075, 0.3268, 0.2083

Protanopia

41.3467, 0.2345, 0.2234

Deuteranopia

41.4432, 0.2499, 0.2441



Tritanopia

40.8790, 0.4092, 0.3172

Trichromacy



Original Color

41.1075, 0.3268, 0.2083



Protanomaly

39.2288, 0.2610, 0.2126



Deuteranomaly

39.2433, 0.2738, 0.2249



Tritanomaly

40.5945, 0.3780, 0.2730

Monochromacy



Original Color

41.1075, 0.3268, 0.2083



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

39.9778, 0.3182, 0.2729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1075, 0.3268, 0.2083 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, 119, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 246)  
}
```

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, 119, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 246) }
```

Border

The CSS property to change the border of an element to Yxy 41.1075, 0.3268, 0.2083 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, 119, 246) }
```

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

```
.border{ border-color:rgb(255, 119, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1075, 0.3268, 0.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 246) }
```

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

```
.background{ background-color: rgb(255,  
119, 246) }
```

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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