

Converting Colors

$Y_{xy}(40.1572, 0.3381, 0.2378)$

Have a look what the booklet for
Yxy(40.1572, 0.3381, 0.2378)
contains.

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Color

Yxy(40.3178, 0.3383, 0.2380)

Conversions

Conversions Part 1

Format	Color
Hex	F184DB
RGB	241, 132, 219
RGB Percent	95%, 52%, 86%
CMY	0.0550, 0.4823, 0.1412
CMYK	0.00, 0.45, 0.09, 0.05
HSL	312°, 80%, 73%
HSV	312°, 45%, 95%
XYZ	57.3089, 40.3178, 71.7758
YIQ	174.5090, 37.0370, 50.1650

Conversions

Conversions Part 2

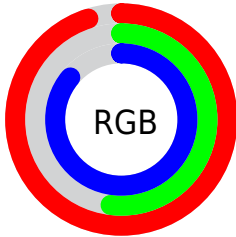
Format	Color
RYB	241, 132, 219
Decimal	15828187
CIELab	69.70, 53.03, -26.31
CIElCh	70, 59.199, 333.612
Yxy	40.3178, 0.3383, 0.2380
Android (android.graphics.Color)	4294018267 (0xFFFF184DB)
YUV	174.5090, 21.9341, 58.3126
Hunter-Lab	63.4963, 49.9875, -22.5737

Details

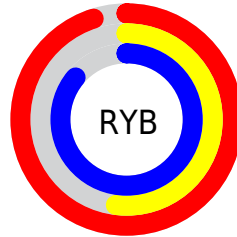
The Yxy color **40.3178, 0.3383, 0.2380** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **70.1429, 0.2951, 0.4423**, and the grayscale version is **42.4756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4464, 0.3158, 0.2634**, and **18.1964, 0.3436, 0.2160** is the 20% darker color. If you saturate the color by 10%, you get **34.2680, 0.3458, 0.2203**, and if you desaturate by 10%, it is **47.8882, 0.3314, 0.2576**.

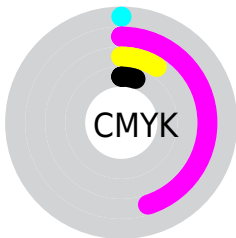
Distribution



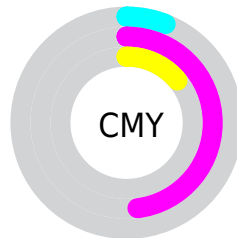
- Red (95%)
- Green (52%)
- Blue (86%)



- Red (95%)
- Yellow (52%)
- Blue (86%)



- Cyan (0%)
- Magenta (45%)
- Yellow (9%)
- Black (5%)





- Cyan (6%)
- Magenta (48%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.3178, 0.3383, 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 40.3178, 0.3383, 0.2380 by changing the saturation by 10% instead.


 40.3178, 0.3383,
0.2380


 40.3178, 0.3383,
0.2380


347.4612, 0.3269,
0.2807

 27.7864, 0.3408,
0.2282


 75.6472, 0.3344,
0.2529

 18.1647, 0.3437,
0.2161


 99.2140, 0.3329,
0.2587

 11.0683, 0.3473,
0.2008


 127.2281, 0.3316,
0.2636

 6.1128, 0.3516,
0.1809

160.0738, 0.3304,
0.2679

 2.9138, 0.3567,
0.1544

198.1356, 0.3294,
0.2717

 1.0869, 0.3624,
0.1179

241.7978, 0.3284,

 0.0000, 0.3924,

0.2751

0.0000

291.4449, 0.3276,
0.2780

■ 0.0000, 0.2604,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 40.3178, 0.3383,
0.2380

■ 40.3178, 0.3383,
0.2380

■ 34.2680, 0.3458,
0.2203

■ 47.8882, 0.3314,
0.2576

■ 29.6278, 0.3536,
0.2056

■ 57.0690, 0.3252,
0.2781


■ 26.2801, 0.3617,
0.1947


■ 67.9496, 0.3197,
0.2987

■ 24.0862, 0.3696,
0.1884


■ 80.6112, 0.3149,
0.3188


 22.8756, 0.3772,
0.1867

 95.1298, 0.3108,
0.3381

 22.5199, 0.3808,
0.1871

 97.0066, 0.3080,
0.3357

 97.3127, 0.3052,
0.3309

 97.4384, 0.3041,
0.3290

Harmonies

Analogous

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



40.3178, 0.2550, 0.2079



40.3178, 0.3383, 0.2380



40.3178, 0.4248, 0.2864

Triad

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



40.3178, 0.3383, 0.2380



40.3178, 0.4274, 0.4635



40.3178, 0.1716, 0.2774

Complementary

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



40.3178, 0.3383, 0.2380



70.1429, 0.2951, 0.4423

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.



40.3178, 0.2059, 0.3654



40.3178, 0.3383, 0.2380



40.3178, 0.3523, 0.4899

Square

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



40.3178, 0.3383, 0.2380



40.3178, 0.4759, 0.4073



40.3178, 0.2712, 0.4542



40.3178, 0.1694, 0.2225

Rectangle

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



40.3178, 0.3383, 0.2380



40.3178, 0.4658, 0.3249



40.3178, 0.2712, 0.4542



40.3178, 0.1793, 0.3038

Sweetspot

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



40.3197, 0.3383, 0.2380



78.8443, 0.3191, 0.3011



29.7085, 0.2428, 0.1928



16.2558, 0.3202, 0.2967



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.



40.3197, 0.3383, 0.2380



39.6103, 0.3450, 0.2221



37.9114, 0.3968, 0.2933



15.9735, 0.3169, 0.3103



12.2334, 0.3796, 0.1865



1.0314, 0.3704, 0.1814

Inverse Universe

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



40.3197, 0.3383, 0.2380



39.6103, 0.3450, 0.2221



72.3782, 0.2675, 0.3696



15.9735, 0.3169, 0.3103



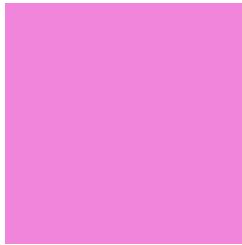
12.2334, 0.3796, 0.1865



1.0314, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 40.3178, 0.3383, 0.2380 looks on a white background.

Color Contrast Check

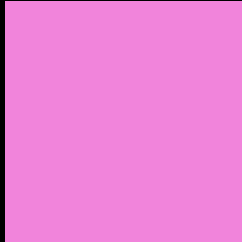
Large Text (above 18pt) WCAG AA × Fail

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 40.3178, 0.3383, 0.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

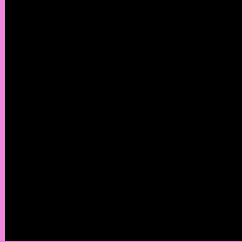
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3178, 0.3383, 0.2380

Background



This preview shows how black text looks on a background with the Yxy color 40.3178, 0.3383, 0.2380.

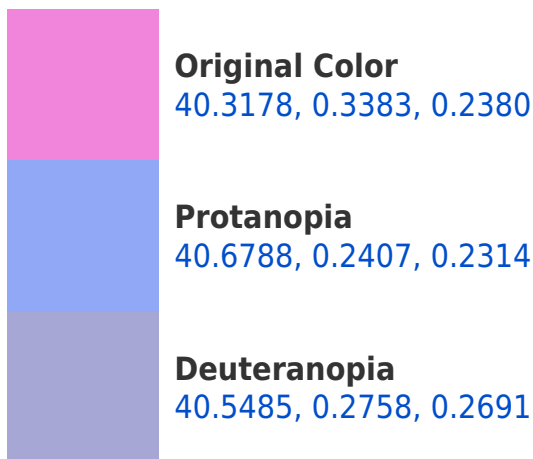


This preview shows how white text looks on a background with the Yxy color 40.3178, 0.3383, 0.2380.

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





Tritanopia

40.1435, 0.3949, 0.3167

Trichromacy



Original Color

40.3178, 0.3383, 0.2380



Protanomaly

39.2021, 0.2697, 0.2314



Deuteranomaly

39.3550, 0.2963, 0.2545



Tritanomaly

40.0154, 0.3744, 0.2857

Monochromacy



Original Color

40.3178, 0.3383, 0.2380



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

40.7000, 0.3221, 0.2890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3178, 0.3383, 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(241, 132, 219)` looks like.

```
.text, #text, p{  
    color:rgb(241, 132, 219)  
}
```

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(241, 132, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 132, 219) }
```

Border

The CSS property to change the border of an element to Yxy 40.3178, 0.3383, 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(241, 132, 219) }
```

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

```
.border{ border-color:rgb(241, 132, 219) }
```

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

Here you see how a box with a 4 pixel rgb(241, 132, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 132, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 132, 219);  
box-shadow:4px 4px 4px 4px rgb(241, 132,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3178, 0.3383, 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(241, 132, 219) }
```

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

```
.background{ background-color: rgb(241,  
132, 219) }
```

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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