

Converting Colors

$Y_{xy}(30.1574, 0.4076, 0.2356)$

Have a look what the booklet for
Yxy(30.1574, 0.4076, 0.2356)
contains.

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Color

Yxy(30.1066, 0.4076, 0.2352)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF4FB3 |
| RGB | 255, 79, 179 |
| RGB Percent | 100%, 31%, 70% |
| CMY | 0.0000, 0.6902, 0.2979 |
| CMYK | 0.00, 0.69, 0.30, 0.00 |
| HSL | 326°, 100%, 65% |
| HSV | 326°, 69%, 100% |
| XYZ | 52.1745, 30.1066, 45.7231 |
| YIQ | 143.0240, 72.7960, 68.4120 |

Conversions

Conversions Part 2

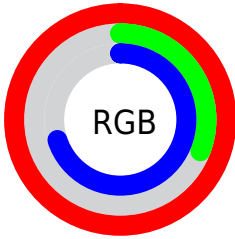
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 79, 179 |
| Decimal | 16732083 |
| CIE _{Lab} | 61.75, 74.28, -15.72 |
| CIE _{LCh} | 62, 75.929, 348.048 |
| Yxy | 30.1066, 0.4076, 0.2352 |
| Android (android.graphics.Color) | 4294922163 (0xFFFF4FB3) |
| YUV | 143.0240, 17.7362, 98.2030 |
| Hunter-Lab | 54.8695, 73.7113, -10.9981 |

Details

The Yxy color **30.1066, 0.4076, 0.2352** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **75.5478, 0.2743, 0.4616**, and the grayscale version is **27.3860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0143, 0.3354, 0.2352**, and **12.9757, 0.4346, 0.2168** is the 20% darker color. If you saturate the color by 10%, you get **26.6802, 0.4281, 0.2302**, and if you desaturate by 10%, it is **34.9815, 0.3882, 0.2445**.

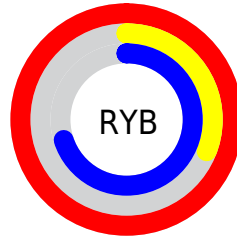
Distribution



Red (100%)

Green (31%)

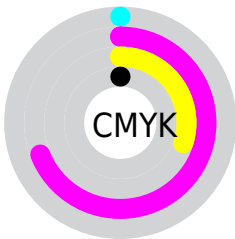
Blue (70%)



Red (100%)

Yellow (31%)

Blue (70%)

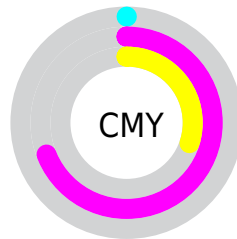


Cyan (0%)

Magenta (69%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (69%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1066, 0.4076, 0.2352 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 30.1066, 0.4076, 0.2352 by changing the saturation by 10% instead.

 30.1066, 0.4076,
0.2352


 30.1066, 0.4076,
0.2352


302.4010, 0.3589,
0.2816


 19.9195, 0.4200,
0.2239


 59.8307, 0.3897,
0.2519

 12.3366, 0.4361,
0.2096


 80.1365, 0.3830,
0.2582

 6.9733, 0.4576,
0.1910


 104.5841, 0.3774,
0.2636

 3.4454, 0.4878,
0.1661

 133.5577, 0.3726,
0.2682

 1.3685, 0.5326,
0.1315

167.4418, 0.3685,
0.2722

 0.1933, 0.6277,
0.0466

206.6208, 0.3649,

 0.0000, 0.9009,

0.2757

0.0000

251.4791, 0.3617,
0.2789

■ 0.0000, 0.0000,
0.0000

■ 30.1066, 0.4076,
0.2352

■ 30.1066, 0.4076,
0.2352

■ 26.6802, 0.4281,
0.2302

■ 34.9815, 0.3882,
0.2445

■ 24.5253, 0.4488,
0.2305

■ 41.4452, 0.3704,
0.2569


■ 23.3897, 0.4687,
0.2360

■ 49.6266, 0.3548,
0.2711

■ 23.3018, 0.4707,
0.2367

■ 59.6400, 0.3412,
0.2863

■ 71.5897, 0.3297,
0.3015

 85.5722, 0.3200,
0.3163

99.9999, 0.3127,
0.3290

Harmonies

Analogous

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



30.1066, 0.2824, 0.1862



30.1066, 0.4076, 0.2352



30.1066, 0.5145, 0.3015

Triad

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



30.1066, 0.4076, 0.2352



30.1066, 0.4084, 0.5345



30.1066, 0.1234, 0.2125

Complementary

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



30.1066, 0.4076, 0.2352



75.5478, 0.2743, 0.4616

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.



30.1066, 0.1422, 0.3098



30.1066, 0.4076, 0.2352



30.1066, 0.3023, 0.5532

Square

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



30.1066, 0.4076, 0.2352



30.1066, 0.4987, 0.4572



30.1066, 0.2040, 0.4552



30.1066, 0.1392, 0.1692

Rectangle

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



30.1066, 0.4076, 0.2352



30.1066, 0.5447, 0.3502



30.1066, 0.2040, 0.4552



30.1066, 0.1255, 0.2381

Sweetspot

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



30.1082, 0.4076, 0.2352



69.0630, 0.3318, 0.2985



19.5203, 0.2258, 0.1302



14.0570, 0.3349, 0.2943



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.



30.1082, 0.4076, 0.2352



25.6805, 0.4364, 0.2297



27.6547, 0.5285, 0.3174



18.1601, 0.3205, 0.3156



12.2063, 0.4676, 0.2349



1.2104, 0.4462, 0.2232

Inverse Universe

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



30.1082, 0.4076, 0.2352



25.6805, 0.4364, 0.2297



79.4931, 0.2387, 0.3465



18.1601, 0.3205, 0.3156



12.2063, 0.4676, 0.2349



1.2104, 0.4462, 0.2232

Previews

White Background



This preview shows how the Yxy color 30.1066, 0.4076, 0.2352 looks on a white background.

Color Contrast Check

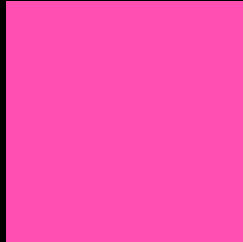
Large Text (above 18pt) WCAG AA × Fail

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 30.1066, 0.4076, 0.2352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

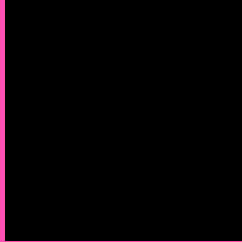
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1066, 0.4076, 0.2352

Background



This preview shows how black text looks on a background with the Yxy color 30.1066, 0.4076, 0.2352.



This preview shows how white text looks on a background with the Yxy color 30.1066, 0.4076, 0.2352.

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

30.1066, 0.4076, 0.2352

Protanopia

30.5338, 0.2301, 0.2174

Deuteranopia

30.3301, 0.2983, 0.2932



Tritanopia

30.0833, 0.4960, 0.3238

Trichromacy



Original Color

30.1066, 0.4076, 0.2352



Protanomaly

27.1183, 0.2777, 0.2141



Deuteranomaly

28.0126, 0.3362, 0.2617



Tritanomaly

29.8295, 0.4653, 0.2905

Monochromacy



Original Color

30.1066, 0.4076, 0.2352



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.0236, 0.3483, 0.2790

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1066, 0.4076, 0.2352 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, 79, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 179)  
}
```

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, 79, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 179) }
```

Border

The CSS property to change the border of an element to Yxy 30.1066, 0.4076, 0.2352 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, 79, 179) }
```

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

```
.border{ border-color:rgb(255, 79, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1066, 0.4076, 0.2352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 179) }
```

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

```
.background{ background-color: rgb(255, 79,  
179) }
```

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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