

Converting Colors

$Y_{xy}(74.1641, 0.3055, 0.2879)$

Have a look what the booklet for
Yxy(74.1641, 0.3055, 0.2879)
contains.

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Color

Yxy(74.1904, 0.3055, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	F2D6FF
RGB	242, 214, 255
RGB Percent	95%, 84%, 100%
CMY	0.0508, 0.1608, 0.0000
CMYK	0.05, 0.16, 0.00, 0.00
HSL	281°, 100%, 92%
HSV	281°, 16%, 100%
XYZ	78.7258, 74.1904, 104.7788
YIQ	227.0460, 3.5270, 18.6870

Conversions

Conversions Part 2

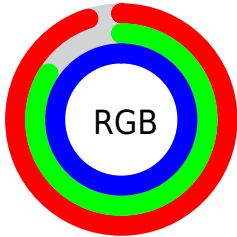
Format	Color
R _Y B	242, 214, 255
Decimal	15914751
CIE Lab	89.01, 16.93, -16.40
CIE LCh	89, 23.567, 315.906
Yxy	74.1904, 0.3055, 0.2879
Android (android.graphics.Color)	4294104831 (0xFFFF2D6FF)
YUV	227.0460, 13.7813, 13.1147
Hunter-Lab	86.1338, 12.4137, -11.8305

Details

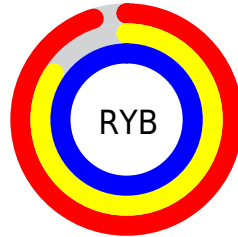
The Yxy color **74.1904, 0.3055, 0.2879** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92.6963, 0.3188, 0.3714**, and the grayscale version is **76.7524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3126, 0.3040, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **60.8871, 0.2999, 0.2606**, and if you desaturate by 10%, it is **89.5829, 0.3102, 0.3140**.

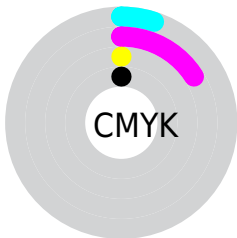
Distribution



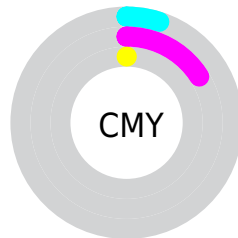
- Red (95%)
- Green (84%)
- Blue (100%)



- Red (95%)
- Yellow (84%)
- Blue (100%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1904, 0.3055, 0.2879 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 74.1904, 0.3055, 0.2879 by changing the saturation by 10% instead.


 74.1904, 0.3055,
0.2879

 74.1904, 0.3055,
0.2879


475.1302, 0.3090,
0.3063

 54.9499, 0.3047,
0.2839

125.1657, 0.3068,
0.2942

 39.3616, 0.3036,
0.2789


157.6692, 0.3072,
0.2966

 27.0411, 0.3022,
0.2728


195.3626, 0.3077,
0.2988

 17.6041, 0.3003,
0.2650

238.6301, 0.3080,
0.3006

 10.6661, 0.2977,
0.2547

287.8563, 0.3083,
0.3023

 5.8428, 0.2939,
0.2406

343.4254, 0.3086,

 2.7497, 0.2876,

0.3038

0.2199

405.7219, 0.3088,
0.3051

■ 1.0025, 0.2759,
0.1874

■ 0.0000, 0.2311,
0.0000

■ 74.1904, 0.3055,
0.2879

■ 74.1904, 0.3055,
0.2879

■ 60.8871, 0.2999,
0.2606

■ 89.5829, 0.3102,
0.3140

■ 49.5694, 0.2935,
0.2328

100.0000, 0.3127,
0.3290

■ 40.1382, 0.2862,
0.2053

■ 32.4824, 0.2782,
0.1794

■ 26.4790, 0.2697,
0.1562

■ 21.9885, 0.2610,
0.1370

■ 18.8481, 0.2524,
0.1225

■ 16.8556, 0.2441,
0.1130

■ 16.2708, 0.2410,
0.1101

Harmonies

Analogous

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



74.1904, 0.2799, 0.2823



74.1904, 0.3055, 0.2879



74.1904, 0.3341, 0.3033

Triad

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



74.1904, 0.3055, 0.2879



74.1904, 0.3638, 0.3685



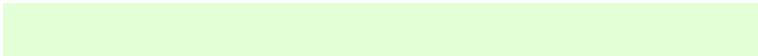
74.1904, 0.2694, 0.3307

Complementary

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



74.1904, 0.3055, 0.2879



92.6963, 0.3188, 0.3714

Split Complementary

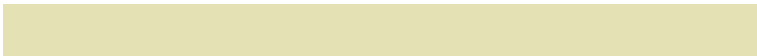
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1904, 0.2904, 0.3569



74.1904, 0.3055, 0.2879



74.1904, 0.3449, 0.3789

Square

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



74.1904, 0.3055, 0.2879



74.1904, 0.3687, 0.3486



74.1904, 0.3179, 0.3750



74.1904, 0.2598, 0.3054

Rectangle

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



74.1904, 0.3055, 0.2879



74.1904, 0.3509, 0.3173



74.1904, 0.3179, 0.3750



74.1904, 0.2753, 0.3397

Sweetspot

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



74.1935, 0.3055, 0.2879



91.3773, 0.3107, 0.3167



76.4399, 0.2870, 0.2995



19.3085, 0.3104, 0.3149



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.



74.1935, 0.3055, 0.2879



70.1000, 0.3040, 0.2800



76.0932, 0.3197, 0.2961



17.9958, 0.3087, 0.3052



8.5851, 0.2423, 0.1108



0.8943, 0.2514, 0.1159

Inverse Universe

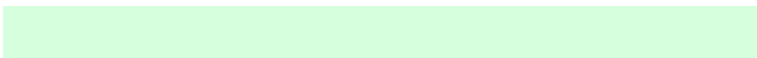
The Inverse Universe completely reimagines the original color for something new.



74.8910, 0.3340, 0.3161



70.9340, 0.3387, 0.3136



91.0622, 0.3065, 0.3643



18.0816, 0.3244, 0.3215



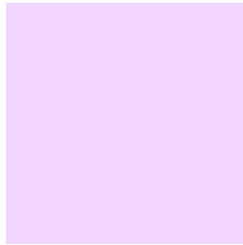
11.4394, 0.5712, 0.2920



1.1326, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 74.1904, 0.3055, 0.2879 looks on a white background.

Color Contrast Check

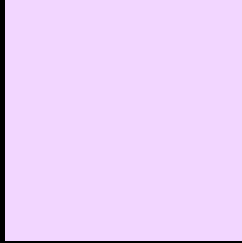
Large Text (above 18pt) WCAG AA × Fail

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 74.1904, 0.3055, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

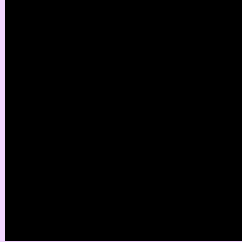
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1904, 0.3055, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 74.1904, 0.3055, 0.2879.

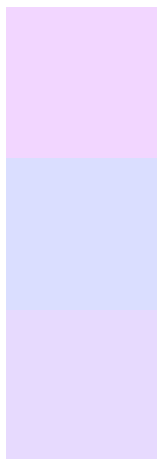


This preview shows how white text looks on a background with the Yxy color 74.1904, 0.3055, 0.2879.

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

74.1904, 0.3055, 0.2879

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.2875, 0.2985, 0.2921



Tritanopia

74.4917, 0.3164, 0.3115

Trichromacy



Original Color

74.1904, 0.3055, 0.2879

Protanomaly

74.2139, 0.2952, 0.2919

Deuteranomaly

74.4436, 0.3012, 0.2914

Tritanomaly

74.5618, 0.3125, 0.3035

Monochromacy



Original Color

74.1904, 0.3055, 0.2879

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.5128, 0.3100, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1904, 0.3055, 0.2879 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(242, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 255)  
}
```

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(242, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.1904, 0.3055, 0.2879 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(242, 214, 255) }
```

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

```
.border{ border-color:rgb(242, 214, 255) }
```

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

Here you see how a box with a 4 pixel rgb(242, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1904, 0.3055, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 255) }
```

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

```
.background{ background-color: rgb(242,  
214, 255) }
```

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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