

Converting Colors

$Y_{xy}(73.4769, 0.3054, 0.2865)$

Have a look what the booklet for
Yxy(73.4769, 0.3054, 0.2865)
contains.

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Color

Yxy(73.6857, 0.3055, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	F2D5FF
RGB	242, 213, 255
RGB Percent	95%, 84%, 100%
CMY	0.0509, 0.1647, 0.0000
CMYK	0.05, 0.16, 0.00, 0.00
HSL	281°, 100%, 92%
HSV	281°, 16%, 100%
XYZ	78.4628, 73.6857, 104.6856
YIQ	226.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

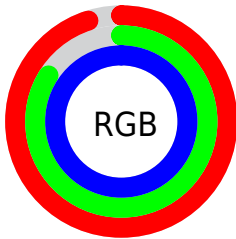
Format	Color
R_{YB}	242, 213, 255
Decimal	15914495
CIE _{Lab}	88.77, 17.43, -16.75
CIE _{LCh}	89, 24.176, 316.138
Yxy	73.6857, 0.3055, 0.2869
Android (android.graphics.Color)	4294104575 (0xFFFF2D5FF)
YUV	226.4590, 14.0707, 13.6295
Hunter-Lab	85.8404, 12.9381, -12.2181

Details

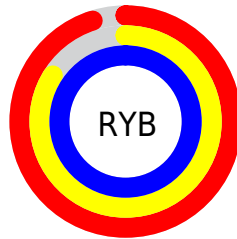
The Yxy color **73.6857, 0.3055, 0.2869** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92.4841, 0.3187, 0.3726**, and the grayscale version is **76.2992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9700, 0.3040, 0.2777** is the 20% darker color. If you saturate the color by 10%, you get **60.4886, 0.3000, 0.2596**, and if you desaturate by 10%, it is **88.9659, 0.3101, 0.3130**.

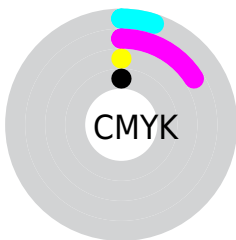
Distribution



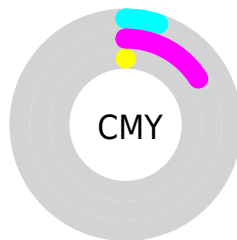
- Red (95%)
- Green (84%)
- Blue (100%)



- 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 73.6857, 0.3055, 0.2869 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 73.6857, 0.3055, 0.2869 by changing the saturation by 10% instead.


 73.6857, 0.3055,
0.2869

 73.6857, 0.3055,
0.2869


473.3879, 0.3091,
0.3057

 54.5368, 0.3046,
0.2828


124.4502, 0.3068,
0.2933

 39.0310, 0.3036,
0.2777


156.8346, 0.3073,
0.2958

 26.7839, 0.3022,
0.2714


194.3996, 0.3077,
0.2980

 17.4110, 0.3003,
0.2634

237.5296, 0.3080,
0.2999

 10.5279, 0.2977,
0.2529

286.6091, 0.3083,
0.3016

 5.7504, 0.2937,
0.2384

342.0223, 0.3086,

 2.6939, 0.2873,

0.3032

0.2173

404.1538, 0.3088,
0.3045

0.9741, 0.2753,
0.1840

0.0000, 0.2244,
0.0000

73.6857, 0.3055,
0.2869

73.6857, 0.3055,
0.2869

60.4886, 0.3000,
0.2596

88.9659, 0.3101,
0.3130

49.2703, 0.2937,
0.2319

99.9994, 0.3127,
0.3290

39.9320, 0.2866,
0.2045

32.3619, 0.2787,
0.1788

■ 26.4365, 0.2704,
0.1559

■ 22.0159, 0.2619,
0.1370

■ 18.9361, 0.2535,
0.1228

■ 16.9923, 0.2454,
0.1135

■ 16.4681, 0.2426,
0.1110

Harmonies

Analogous

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



73.6857, 0.2792, 0.2810



73.6857, 0.3055, 0.2869



73.6857, 0.3350, 0.3027

Triad

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



73.6857, 0.3055, 0.2869



73.6857, 0.3651, 0.3697



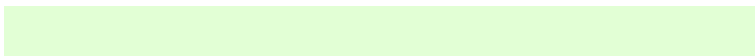
73.6857, 0.2681, 0.3305

Complementary

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



73.6857, 0.3055, 0.2869



92.4841, 0.3187, 0.3726

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.



73.6857, 0.2895, 0.3575



73.6857, 0.3055, 0.2869



73.6857, 0.3456, 0.3803

Square

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



73.6857, 0.3055, 0.2869



73.6857, 0.3703, 0.3492



73.6857, 0.3178, 0.3763



73.6857, 0.2584, 0.3045

Rectangle

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



73.6857, 0.3055, 0.2869



73.6857, 0.3522, 0.3171



73.6857, 0.3178, 0.3763



73.6857, 0.2741, 0.3398

Sweetspot

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



73.6888, 0.3055, 0.2869



91.3933, 0.3108, 0.3167



75.9218, 0.2864, 0.2988



19.3124, 0.3105, 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.



73.6888, 0.3055, 0.2869



68.7971, 0.3037, 0.2774



75.5821, 0.3198, 0.2953



18.0022, 0.3088, 0.3052



8.6882, 0.2439, 0.1117



0.9037, 0.2528, 0.1167

Inverse Universe

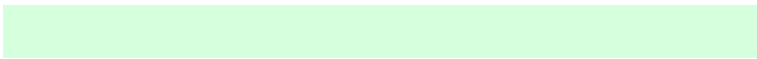
The Inverse Universe completely reimagines the original color for something new.



74.3387, 0.3348, 0.3160



69.6007, 0.3406, 0.3131



90.8649, 0.3063, 0.3652



18.0796, 0.3245, 0.3217



11.4259, 0.5736, 0.2933



1.1311, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 73.6857, 0.3055, 0.2869 looks on a white background.

Color Contrast Check

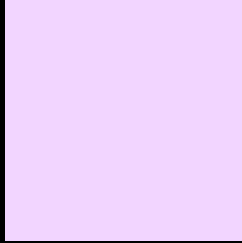
Large Text (above 18pt) WCAG AA × Fail

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 73.6857, 0.3055, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

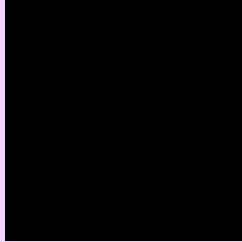
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

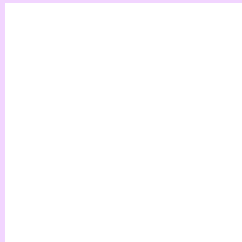
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6857, 0.3055, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 73.6857, 0.3055, 0.2869.



This preview shows how white text looks on a background with the Yxy color 73.6857, 0.3055, 0.2869.

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

73.6857, 0.3055, 0.2869

Protanopia

73.6846, 0.2887, 0.2933

Deuteranopia

73.6045, 0.2978, 0.2910



Tritanopia

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

73.6857, 0.3055, 0.2869

Protanomaly

73.5316, 0.2945, 0.2908

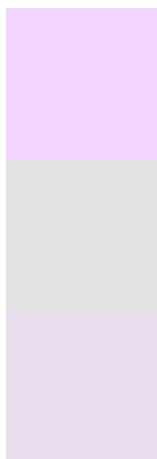
Deuteranomaly

73.7599, 0.3006, 0.2903

Tritanomaly

74.0478, 0.3125, 0.3024

Monochromacy



Original Color

73.6857, 0.3055, 0.2869

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9831, 0.3100, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6857, 0.3055, 0.2869 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, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 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, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.6857, 0.3055, 0.2869 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, 213, 255) }
```

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

```
.border{ border-color:rgb(242, 213, 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, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6857, 0.3055, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 255) }
```

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

```
.background{ background-color: rgb(242,  
213, 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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