

Converting Colors

$Y_{xy}(74.4479, 0.3089, 0.2931)$

Have a look what the booklet for
Yxy(74.4479, 0.3089, 0.2931)
contains.

Yxy(74.6206, 0.3087, 0.2928)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6206, 0.3087, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	F3D7FB
RGB	243, 215, 251
RGB Percent	95%, 84%, 98%
CMY	0.0472, 0.1568, 0.0155
CMYK	0.03, 0.14, 0.00, 0.02
HSL	287°, 82%, 91%
HSV	287°, 14%, 98%
XYZ	78.6727, 74.6206, 101.5584
YIQ	227.4760, 5.1320, 17.1320

Conversions

Conversions Part 2

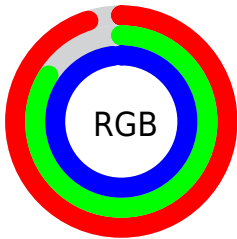
Format	Color
R _Y B	243, 215, 251
Decimal	15980539
CIE Lab	89.21, 15.95, -14.01
CIE LCh	89, 21.224, 318.709
Yxy	74.6206, 0.3087, 0.2928
Android (android.graphics.Color)	4294170619 (0xFFFF3D7FB)
YUV	227.4760, 11.5973, 13.6145
Hunter-Lab	86.3832, 11.3967, -9.2374

Details

The Yxy color $74.6206, 0.3087, 0.2928$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.6296, 0.3160, 0.3667$, and the grayscale version is $77.0928, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.6014, 0.3083, 0.2853$ is the 20% darker color. If you saturate the color by 10%, you get $61.8186, 0.3052, 0.2663$, and if you desaturate by 10%, it is $89.4213, 0.3116, 0.3183$.

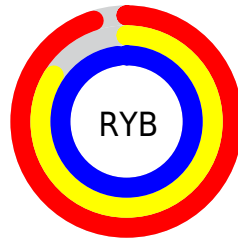
Distribution



Red (95%)

Green (84%)

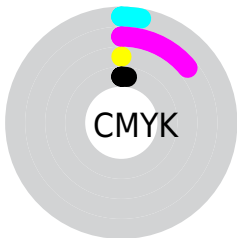
Blue (98%)



Red (95%)

Yellow (84%)

Blue (98%)

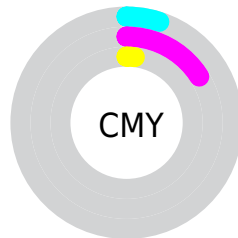


Cyan (3%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (5%)


Magenta (16%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6206, 0.3087, 0.2928 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 74.6206, 0.3087, 0.2928 by changing the saturation by 10% instead.

 74.6206, 0.3087,
0.2928

 74.6206, 0.3087,
0.2928


476.6125, 0.3107,
0.3090

 55.3021, 0.3082,
0.2892


125.7752, 0.3094,
0.2983

 39.6437, 0.3076,
0.2849


158.3800, 0.3097,
0.3005

 27.2608, 0.3067,
0.2794


196.1825, 0.3099,
0.3024

 17.7692, 0.3056,
0.2725

239.5670, 0.3101,
0.3040

 10.7844, 0.3040,
0.2633

288.9178, 0.3103,
0.3055

 5.9221, 0.3015,
0.2506

344.6194, 0.3105,

 2.7977, 0.2974,

0.3068

0.2319

407.0562, 0.3106,
0.3080

■ 1.0271, 0.2896,
0.2020

■ 0.0000, 0.2575,
0.0000

■ 74.6206, 0.3087,
0.2928

■ 74.6206, 0.3087,
0.2928

■ 61.8186, 0.3052,
0.2663

■ 89.4213, 0.3116,
0.3183

■ 50.9163, 0.3010,
0.2394

■ 99.6000, 0.3145,
0.3328

■ 41.8206, 0.2963,
0.2131

■ 99.7478, 0.3150,
0.3328

■ 34.4267, 0.2909,
0.1884

■ 28.6189, 0.2852,
0.1665

■ 24.2667, 0.2791,
0.1484

■ 21.2188, 0.2730,
0.1349

■ 19.2897, 0.2670,
0.1261

■ 18.5438, 0.2637,
0.1226

Harmonies

Analogous

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



74.6206, 0.2851, 0.2868



74.6206, 0.3087, 0.2928



74.6206, 0.3343, 0.3074

Triad

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



74.6206, 0.3087, 0.2928



74.6206, 0.3575, 0.3660



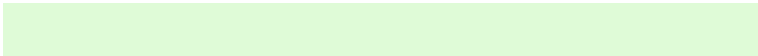
74.6206, 0.2724, 0.3283

Complementary

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



74.6206, 0.3087, 0.2928



89.6296, 0.3160, 0.3667

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.



74.6206, 0.2906, 0.3520



74.6206, 0.3087, 0.2928



74.6206, 0.3397, 0.3740

Square

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



74.6206, 0.3087, 0.2928



74.6206, 0.3631, 0.3487



74.6206, 0.3151, 0.3691



74.6206, 0.2648, 0.3061

Rectangle

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



74.6206, 0.3087, 0.2928



74.6206, 0.3488, 0.3205



74.6206, 0.3151, 0.3691



74.6206, 0.2774, 0.3364

Sweetspot

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



74.6238, 0.3087, 0.2928



93.2331, 0.3117, 0.3192



74.4158, 0.2898, 0.2998



19.6916, 0.3115, 0.3173



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.



74.6238, 0.3087, 0.2928



73.5966, 0.3078, 0.2858



75.5006, 0.3209, 0.3027



17.3170, 0.3102, 0.3054



9.8113, 0.2647, 0.1232



0.9551, 0.2717, 0.1271

Inverse Universe

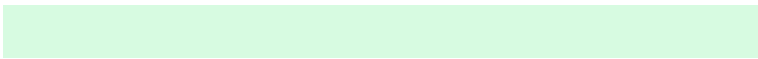
The Inverse Universe completely reimagines the original color for something new.



74.4559, 0.3337, 0.3209



73.4119, 0.3383, 0.3193



88.8858, 0.3054, 0.3569



17.2889, 0.3259, 0.3237



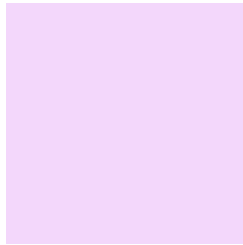
10.9496, 0.6012, 0.3085



1.0294, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 74.6206, 0.3087, 0.2928 looks on a white background.

Color Contrast Check

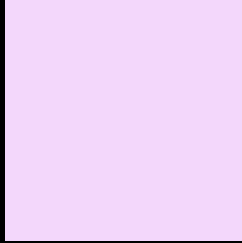
Large Text (above 18pt) WCAG AA × Fail

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 74.6206, 0.3087, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

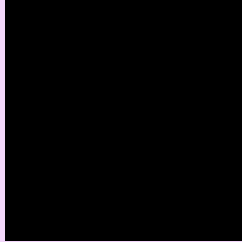
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

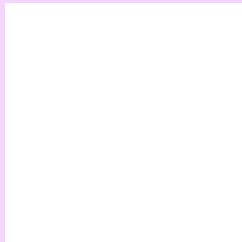
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6206, 0.3087, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 74.6206, 0.3087, 0.2928.

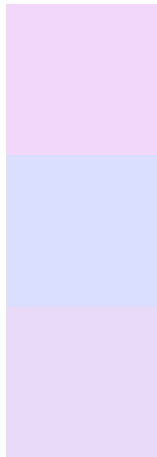


This preview shows how white text looks on a background with the Yxy color 74.6206, 0.3087, 0.2928.

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

74.6206, 0.3087, 0.2928

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

74.5374, 0.3031, 0.2962



Tritanopia

74.8417, 0.3178, 0.3116

Trichromacy



Original Color

74.6206, 0.3087, 0.2928

Protanomaly

74.8361, 0.2965, 0.2940

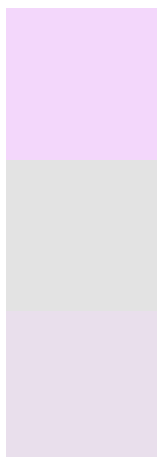
Deuteranomaly

74.5324, 0.3052, 0.2954

Tritanomaly

74.8538, 0.3146, 0.3046

Monochromacy



Original Color

74.6206, 0.3087, 0.2928

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1551, 0.3113, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6206, 0.3087, 0.2928 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(243, 215, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 215, 251)  
}
```

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(243, 215, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 215, 251) }
```

Border

The CSS property to change the border of an element to Yxy 74.6206, 0.3087, 0.2928 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(243, 215, 251) }
```

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

```
.border{ border-color:rgb(243, 215, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 215, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 215, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 215, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 215,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6206, 0.3087, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 215, 251) }
```

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

```
.background{ background-color: rgb(243,  
215, 251) }
```

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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