

Converting Colors

$Yxy(78.0694, 0.2682, 0.2538)$

Have a look what the booklet for
Yxy(78.0694, 0.2682, 0.2538)
contains.

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Color

Yxy(74.6209, 0.2926, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	DFDDFF
RGB	223, 221, 255
RGB Percent	87%, 87%, 100%
CMY	0.1255, 0.1333, 0.0000
CMYK	0.13, 0.13, 0.00, 0.00
HSL	244°, 100%, 93%
HSV	244°, 13%, 100%
XYZ	74.3414, 74.6209, 105.1095
YIQ	225.4740, -9.7220, 10.9980

Conversions

Conversions Part 2

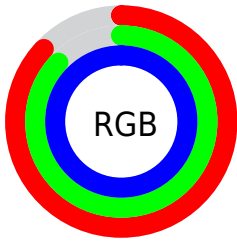
Format	Color
R _Y B	223, 221, 255
Decimal	14671359
CIE Lab	89.22, 7.17, -16.26
CIE LCh	89, 17.767, 293.794
Yxy	74.6209, 0.2926, 0.2937
Android (android.graphics.Color)	4292861439 (0xFFDFDFFF)
YUV	225.4740, 14.5563, -2.1697
Hunter-Lab	86.3834, 2.4459, -11.6745

Details

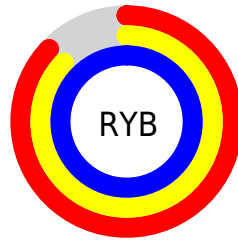
The Yxy color $74.6209, 0.2926, 0.2937$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $97.6222, 0.3314, 0.3623$, and the grayscale version is $75.5536, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.6745, 0.2884, 0.2862$ is the 20% darker color. If you saturate the color by 10%, you get $58.6188, 0.2751, 0.2634$, and if you desaturate by 10%, it is $93.2116, 0.3080, 0.3207$.

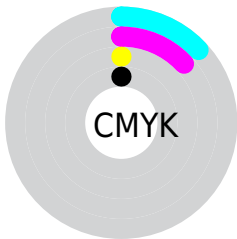
Distribution



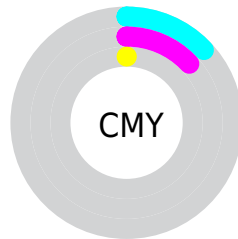
- Red (87%)
- Green (87%)
- Blue (100%)



- Red (87%)
- Yellow (87%)
- Blue (100%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6209, 0.2926, 0.2937 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 74.6209, 0.2926, 0.2937 by changing the saturation by 10% instead.

74.6209, 0.2926,
0.2937

74.6209, 0.2926,
0.2937

476.6135, 0.3019,
0.3097

55.3024, 0.2905,
0.2901

125.7756, 0.2958,
0.2992

39.6439, 0.2879,
0.2858

158.3805, 0.2971,
0.3013

27.2610, 0.2846,
0.2804

196.1831, 0.2982,
0.3032

17.7693, 0.2802,
0.2734

239.5676, 0.2991,
0.3048

10.7845, 0.2744,
0.2641

288.9185, 0.2999,
0.3062

5.9221, 0.2661,
0.2512

344.6202, 0.3007,

2.7978, 0.2533,

0.3075

0.2320

407.0571, 0.3013,
0.3086

■ 1.0271, 0.2314,
0.2010

■ 0.0000, 0.0813,
0.0000

■ 74.6209, 0.2926,
0.2937

■ 74.6209, 0.2926,
0.2937

■ 58.6188, 0.2751,
0.2634

■ 93.2116, 0.3080,
0.3207

■ 45.0856, 0.2558,
0.2302

100.0000, 0.3127,
0.3290

■ 33.8998, 0.2352,
0.1951

■ 24.9277, 0.2141,
0.1598

■ 18.0221, 0.1940,
0.1267

■ 13.0180, 0.1765,
0.0984

■ 9.7249, 0.1630,
0.0774

■ 7.9128, 0.1544,
0.0649

■ 7.3219, 0.1513,
0.0607

Harmonies

Analogous

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



74.6209, 0.2779, 0.2961



74.6209, 0.2926, 0.2937



74.6209, 0.3131, 0.3001

Triad

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



74.6209, 0.2926, 0.2937



74.6209, 0.3549, 0.3486



74.6209, 0.2911, 0.3450

Complementary

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



74.6209, 0.2926, 0.2937



97.6222, 0.3314, 0.3623

Split Complementary

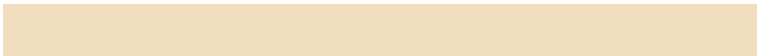
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6209, 0.3112, 0.3605



74.6209, 0.2926, 0.2937



74.6209, 0.3483, 0.3619

Square

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



74.6209, 0.2926, 0.2937



74.6209, 0.3497, 0.3310



74.6209, 0.3322, 0.3666



74.6209, 0.2770, 0.3252

Rectangle

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



74.6209, 0.2926, 0.2937



74.6209, 0.3275, 0.3084



74.6209, 0.3322, 0.3666



74.6209, 0.2973, 0.3510

Sweetspot

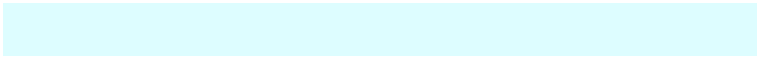
The Sweet Spot groups the original color and five complimentary colors.



74.6226, 0.2926, 0.2937



91.8887, 0.3071, 0.3190



93.0325, 0.2923, 0.3272



19.3518, 0.3060, 0.3171



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.



74.6226, 0.2926, 0.2937



70.1059, 0.2882, 0.2860



77.4065, 0.3038, 0.2949



17.4289, 0.2988, 0.3045



3.8457, 0.1517, 0.0610



0.3916, 0.1558, 0.0632

Inverse Universe

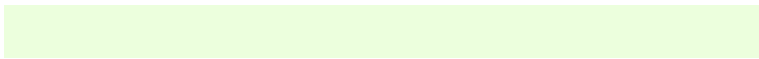
The Inverse Universe completely reimagines the original color for something new.



80.0651, 0.3156, 0.2979



76.5204, 0.3162, 0.2915



94.6249, 0.3207, 0.3634



18.2808, 0.3147, 0.3069



14.4029, 0.3363, 0.1626



1.4078, 0.3344, 0.1616

Previews

White Background



This preview shows how the Yxy color 74.6209, 0.2926, 0.2937 looks on a white background.

Color Contrast Check

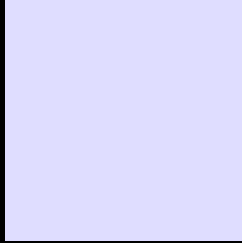
Large Text (above 18pt) WCAG AA × Fail

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 74.6209, 0.2926, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

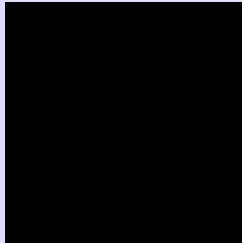
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6209, 0.2926, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 74.6209, 0.2926, 0.2937.



This preview shows how white text looks on a background with the Yxy color 74.6209, 0.2926, 0.2937.

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

74.6209, 0.2926, 0.2937

Protanopia

74.5226, 0.2900, 0.2945

Deuteranopia

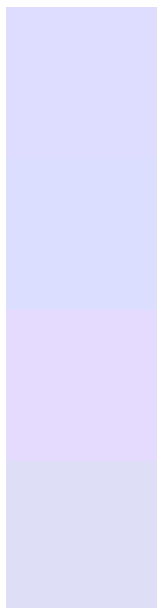
74.3517, 0.2979, 0.2911



Tritanopia

74.4984, 0.2999, 0.3099

Trichromacy



Original Color

74.6209, 0.2926, 0.2937

Protanomaly

74.6782, 0.2907, 0.2946

Deuteranomaly

74.3770, 0.2959, 0.2920

Tritanomaly

74.4260, 0.2974, 0.3038

Monochromacy



Original Color

74.6209, 0.2926, 0.2937

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2147, 0.3050, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6209, 0.2926, 0.2937 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(223, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 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(223, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.6209, 0.2926, 0.2937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

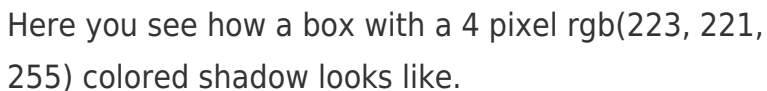
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 221, 255) }
```

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

```
.border{ border-color:rgb(223, 221, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 221, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 221, 255); box-shadow:4px 4px 4px 4px rgb(223, 221, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6209, 0.2926, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 255) }
```

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

```
.background{ background-color: rgb(223,  
221, 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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