

Converting Colors

$Y_{xy}(75.8200, 0.2939, 0.2984)$

Have a look what the booklet for
Yxy(75.8200, 0.2939, 0.2984)
contains.

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Color

Yxy(76.0911, 0.2939, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	DFE0FD
RGB	223, 224, 253
RGB Percent	87%, 88%, 99%
CMY	0.1254, 0.1216, 0.0079
CMYK	0.12, 0.11, 0.00, 0.01
HSL	238°, 88%, 93%
HSV	238°, 12%, 99%
XYZ	74.8182, 76.0911, 103.6611
YIQ	227.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

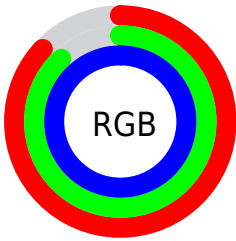
Format	Color
R _Y B	223, 224, 253
Decimal	14672125
CIE Lab	89.90, 5.19, -14.16
CIE LCh	90, 15.083, 290.134
Yxy	76.0911, 0.2939, 0.2989
Android (android.graphics.Color)	4292862205 (0xFFDFE0FD)
YUV	227.0070, 12.8145, -3.5141
Hunter-Lab	87.2302, 0.4484, -9.3968

Details

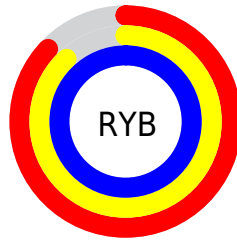
The Yxy color **76.0911, 0.2939, 0.2989** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.8312, 0.3306, 0.3574**, and the grayscale version is **76.7349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6863, 0.2901, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **60.1524, 0.2758, 0.2698**, and if you desaturate by 10%, it is **94.5288, 0.3100, 0.3246**.

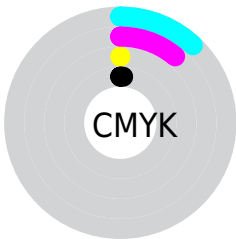
Distribution



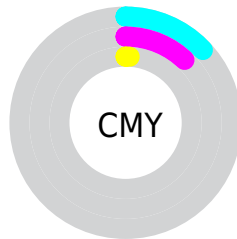
- Red (87%)
- Green (88%)
- Blue (99%)



- Red (87%)
- Yellow (88%)
- Blue (99%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0911, 0.2939, 0.2989 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 76.0911, 0.2939, 0.2989 by changing the saturation by 10% instead.

■ 76.0911, 0.2939,
0.2989

■ 76.0911, 0.2939,
0.2989

481.6595, 0.3026,
0.3125

■ 56.5072, 0.2919,
0.2959

127.8557, 0.2969,
0.3036

■ 40.6097, 0.2895,
0.2921

160.8051, 0.2981,
0.3054

■ 28.0143, 0.2865,
0.2875

198.9786, 0.2991,
0.3070

■ 18.3364, 0.2825,
0.2815

242.7604, 0.2999,
0.3084

■ 11.1918, 0.2771,
0.2735

292.5351, 0.3007,
0.3096

■ 6.1960, 0.2695,
0.2624

348.6868, 0.3014,

■ 2.9646, 0.2579,

0.3107

0.2457

411.6002, 0.3020,
0.3117

■ 1.1133, 0.2380,
0.2185

■ 0.0000, 0.1063,
0.0000

■ 76.0911, 0.2939,
0.2989

■ 76.0911, 0.2939,
0.2989

■ 60.1524, 0.2758,
0.2698

■ 94.5288, 0.3100,
0.3246

■ 46.5961, 0.2559,
0.2377

99.8711, 0.3139,
0.3309

■ 35.3107, 0.2348,
0.2033

■ 26.1721, 0.2134,
0.1682

■ 19.0442, 0.1931,
0.1346

■ 13.7753, 0.1755,
0.1050

■ 10.1924, 0.1620,
0.0821

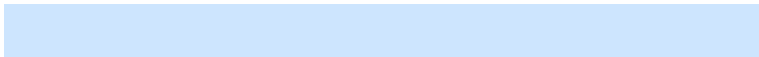
■ 8.0898, 0.1537,
0.0674

■ 7.2717, 0.1504,
0.0614

Harmonies

Analogous

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



76.0911, 0.2822, 0.3020



76.0911, 0.2939, 0.2989



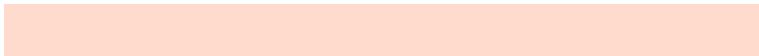
76.0911, 0.3109, 0.3034

Triad

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



76.0911, 0.2939, 0.2989



76.0911, 0.3482, 0.3440



76.0911, 0.2964, 0.3444

Complementary

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



76.0911, 0.2939, 0.2989



95.8312, 0.3306, 0.3574

Split Complementary

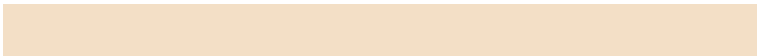
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0911, 0.3137, 0.3565



76.0911, 0.2939, 0.2989



76.0911, 0.3439, 0.3558

Square

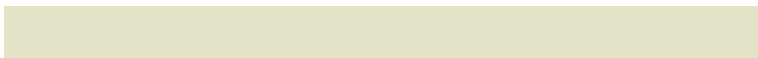
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0911, 0.2939, 0.2989



76.0911, 0.3426, 0.3289



76.0911, 0.3312, 0.3606



76.0911, 0.2836, 0.3280

Rectangle

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



76.0911, 0.2939, 0.2989



76.0911, 0.3231, 0.3101



76.0911, 0.3312, 0.3606



76.0911, 0.3019, 0.3491

Sweetspot

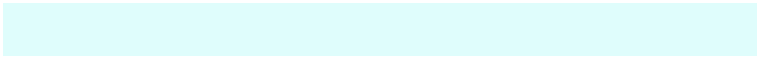
The Sweet Spot groups the original color and five complimentary colors.



76.0943, 0.2939, 0.2989



91.9834, 0.3067, 0.3194



92.9612, 0.2951, 0.3300



19.3756, 0.3055, 0.3175



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.



76.0943, 0.2939, 0.2989



73.7624, 0.2902, 0.2929



77.8803, 0.3032, 0.2987



17.4734, 0.2978, 0.3052



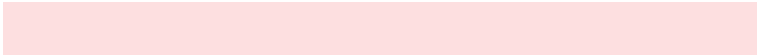
3.9092, 0.1506, 0.0620



0.4128, 0.1519, 0.0666

Inverse Universe

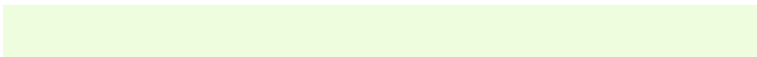
The Inverse Universe completely reimagines the original color for something new.



79.0465, 0.3335, 0.3281



77.2722, 0.3379, 0.3279



93.9226, 0.3214, 0.3592



17.9967, 0.3289, 0.3283



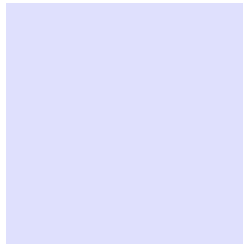
11.1226, 0.6368, 0.3281



1.0862, 0.6289, 0.3238

Previews

White Background



This preview shows how the Yxy color 76.0911, 0.2939, 0.2989 looks on a white background.

Color Contrast Check

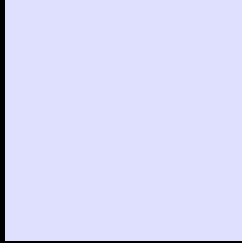
Large Text (above 18pt) WCAG AA × Fail

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 76.0911, 0.2939, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

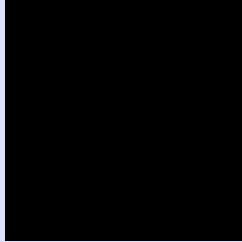
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0911, 0.2939, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 76.0911, 0.2939, 0.2989.

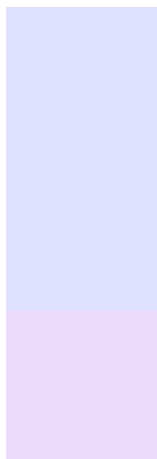


This preview shows how white text looks on a background with the Yxy color 76.0911, 0.2939, 0.2989.

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

76.0911, 0.2939, 0.2989

Protanopia

75.9328, 0.2932, 0.2988

Deuteranopia

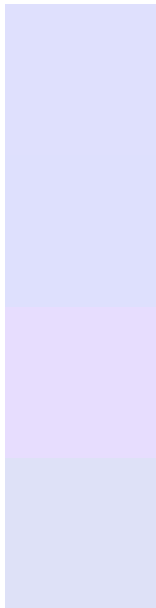
76.0043, 0.3012, 0.2945



Tritanopia

76.2359, 0.2986, 0.3111

Trichromacy



Original Color

76.0911, 0.2939, 0.2989

Protanomaly

75.9328, 0.2932, 0.2988

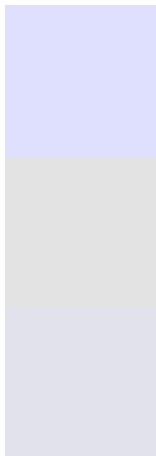
Deuteranomaly

75.8576, 0.2985, 0.2953

Tritanomaly

76.0954, 0.2969, 0.3059

Monochromacy



Original Color

76.0911, 0.2939, 0.2989

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6176, 0.3063, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0911, 0.2939, 0.2989 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, 224, 253)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 253)  
}
```

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, 224, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 253) }
```

Border

The CSS property to change the border of an element to Yxy 76.0911, 0.2939, 0.2989 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, 224, 253) }
```

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

```
.border{ border-color:rgb(223, 224, 253) }
```

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

Here you see how a box with a 4 pixel rgb(223, 224, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 253);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0911, 0.2939, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 253) }
```

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

```
.background{ background-color: rgb(223,  
224, 253) }
```

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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