

Converting Colors

$Y_{xy}(82.0726, 0.2829, 0.2671)$

Have a look what the booklet for
Yxy(82.0726, 0.2829, 0.2671)
contains.

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Color

Yxy(79.4211, 0.3033, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	EFE1FF
RGB	239, 225, 255
RGB Percent	94%, 88%, 100%
CMY	0.0625, 0.1177, 0.0000
CMYK	0.06, 0.12, 0.00, 0.00
HSL	268°, 100%, 94%
HSV	268°, 12%, 100%
XYZ	80.5902, 79.4211, 105.6999
YIQ	232.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

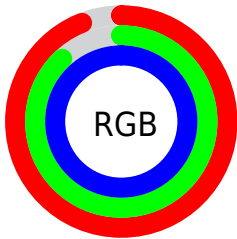
Format	Color
R _Y B	239, 225, 255
Decimal	15720959
CIE _{Lab}	91.42, 10.21, -12.82
CIE _{LCh}	91, 16.385, 308.532
Y _{xy}	79.4211, 0.3033, 0.2989
Android (android.graphics.Color)	4293911039 (0xFFEFE1FF)
Y _{UV}	232.6060, 11.0402, 5.6075
Hunter-Lab	89.1185, 5.4609, -7.9386

Details

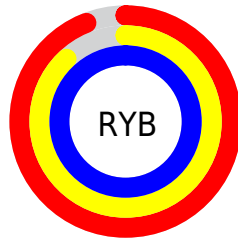
The Yxy color **79.4211, 0.3033, 0.2989** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.6407, 0.3213, 0.3590**, and the grayscale version is **81.0975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8939, 0.3013, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **64.3830, 0.2939, 0.2710**, and if you desaturate by 10%, it is **96.6994, 0.3114, 0.3247**.

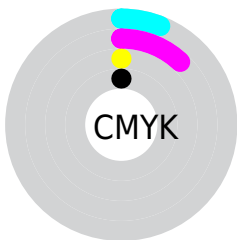
Distribution



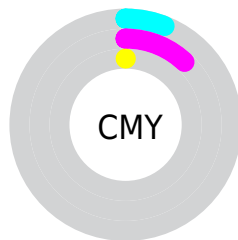
- Red (94%)
- Green (88%)
- Blue (100%)



- Red (94%)
- Yellow (88%)
- Blue (100%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4211, 0.3033, 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 79.4211, 0.3033, 0.2989 by changing the saturation by 10% instead.

 79.4211, 0.3033,
0.2989

 79.4211, 0.3033,
0.2989

492.9798, 0.3077,
0.3123

 59.2421, 0.3023,
0.2959

132.5515, 0.3048,
0.3035

 42.8080, 0.3011,
0.2923


166.2717, 0.3054,
0.3053

 29.7345, 0.2995,
0.2879


205.2745, 0.3059,
0.3068

 19.6372, 0.2974,
0.2821

249.9441, 0.3064,
0.3082

 12.1316, 0.2946,
0.2746

300.6651, 0.3068,
0.3094

 6.8334, 0.2906,
0.2642

357.8217, 0.3071,

 3.3581, 0.2844,

0.3105

0.2489

421.7985, 0.3074,
0.3115

■ 1.3214, 0.2736,
0.2245

■ 0.1577, 0.2451,
0.0968

■ 79.4211, 0.3033,
0.2989

■ 79.4211, 0.3033,
0.2989

■ 64.3830, 0.2939,
0.2710

■ 96.6994, 0.3114,
0.3247

■ 51.4828, 0.2830,
0.2415

100.0000, 0.3127,
0.3290

■ 40.6212, 0.2709,
0.2111

■ 31.6880, 0.2576,
0.1809

■ 24.5622, 0.2437,
0.1525

■ 19.1085, 0.2296,
0.1274

■ 15.1717, 0.2160,
0.1071

■ 12.5655, 0.2036,
0.0925

■ 11.1896, 0.1946,
0.0845

Harmonies

Analogous

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



79.4211, 0.2869, 0.2971



79.4211, 0.3033, 0.2989



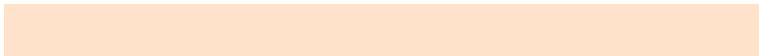
79.4211, 0.3227, 0.3081

Triad

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



79.4211, 0.3033, 0.2989



79.4211, 0.3492, 0.3534



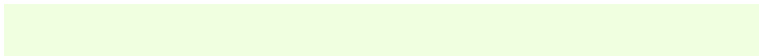
79.4211, 0.2860, 0.3349

Complementary

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



79.4211, 0.3033, 0.2989



95.6407, 0.3213, 0.3590

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.



79.4211, 0.3020, 0.3514



79.4211, 0.3033, 0.2989



79.4211, 0.3386, 0.3619

Square

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



79.4211, 0.3033, 0.2989



79.4211, 0.3497, 0.3390



79.4211, 0.3213, 0.3614



79.4211, 0.2771, 0.3172

Rectangle

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



79.4211, 0.3033, 0.2989



79.4211, 0.3348, 0.3173



79.4211, 0.3213, 0.3614



79.4211, 0.2907, 0.3408

Sweetspot

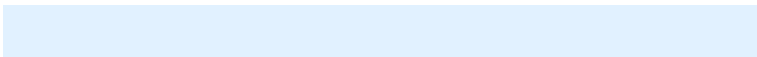
The Sweet Spot groups the original color and five complimentary colors.



79.4236, 0.3033, 0.2989



92.6516, 0.3097, 0.3191



86.1304, 0.2943, 0.3147



19.5443, 0.3091, 0.3172



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.



79.4236, 0.3033, 0.2989



75.8818, 0.3013, 0.2929



82.1315, 0.3134, 0.2998



17.7956, 0.3053, 0.3050



5.9339, 0.1963, 0.0855



0.6421, 0.2087, 0.0923

Inverse Universe

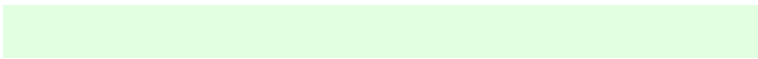
The Inverse Universe completely reimagines the original color for something new.



81.4465, 0.3233, 0.3134



78.2672, 0.3256, 0.3103



93.1212, 0.3119, 0.3599



18.1482, 0.3211, 0.3165



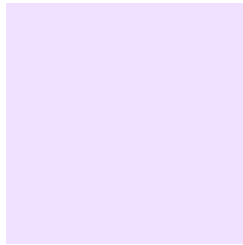
12.0582, 0.4834, 0.2437



1.1962, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 79.4211, 0.3033, 0.2989 looks on a white background.

Color Contrast Check

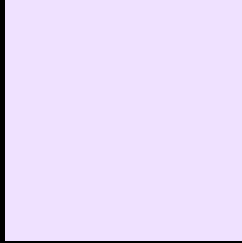
Large Text (above 18pt) WCAG AA × Fail

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 79.4211, 0.3033, 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

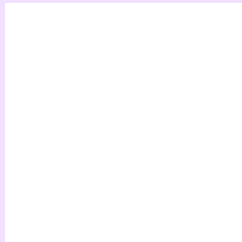
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.4211, 0.3033, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 79.4211, 0.3033, 0.2989.

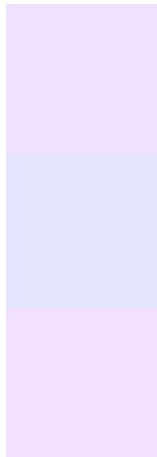


This preview shows how white text looks on a background with the Yxy color 79.4211, 0.3033, 0.2989.

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

79.4211, 0.3033, 0.2989

Protanopia

79.5895, 0.2954, 0.3024

Deuteranopia

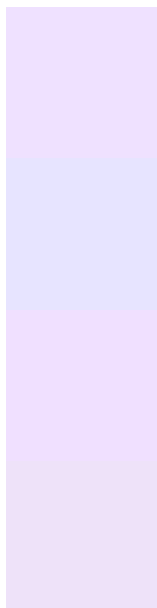
79.2321, 0.3046, 0.2980



Tritanopia

79.5353, 0.3081, 0.3107

Trichromacy



Original Color

79.4211, 0.3033, 0.2989

Protanomaly

79.6957, 0.2980, 0.3016

Deuteranomaly

79.0566, 0.3039, 0.2980

Tritanomaly

79.4094, 0.3063, 0.3057

Monochromacy



Original Color

79.4211, 0.3033, 0.2989

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.6067, 0.3092, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4211, 0.3033, 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(239, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 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(239, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.4211, 0.3033, 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(239, 225, 255) }
```

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

```
.border{ border-color:rgb(239, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4211, 0.3033, 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(239, 225, 255) }
```

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

```
.background{ background-color: rgb(239,  
225, 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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