

Converting Colors

$Yxy(79.4310, 0.2972, 0.3058)$

Have a look what the booklet for
Yxy(79.4310, 0.2972, 0.3058)
contains.

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Color

Yxy(79.3978, 0.2972, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	E3E5FC
RGB	227, 229, 252
RGB Percent	89%, 90%, 99%
CMY	0.1098, 0.1019, 0.0119
CMYK	0.10, 0.09, 0.00, 0.01
HSL	235°, 80%, 94%
HSV	235°, 10%, 99%
XYZ	77.2660, 79.3978, 103.3159
YIQ	231.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

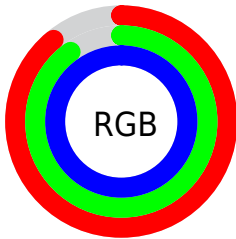
Format	Color
R _Y B	227, 229, 252
Decimal	14935548
CIE _{Lab}	91.41, 3.65, -11.34
CIE _{LCh}	91, 11.909, 287.866
Y _{xy}	79.3978, 0.2972, 0.3054
Android (android.graphics.Color)	4293125628 (0xFFE3E5FC)
Y _{UV}	231.0240, 10.3412, -3.5290
Hunter-Lab	89.1054, -1.1519, -6.3717

Details

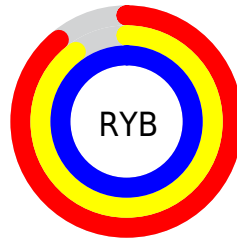
The Yxy color **79.3978, 0.2972, 0.3054** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.5864, 0.3277, 0.3516**, and the grayscale version is **79.8582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9829, 0.2943, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **63.6151, 0.2797, 0.2784**, and if you desaturate by 10%, it is **97.4997, 0.3129, 0.3292**.

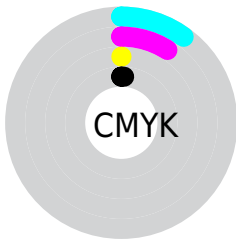
Distribution



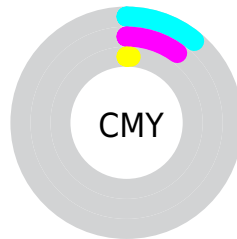
- Red (89%)
- Green (90%)
- Blue (99%)



- Red (89%)
- Yellow (90%)
- Blue (99%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3978, 0.2972, 0.3054 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 79.3978, 0.2972, 0.3054 by changing the saturation by 10% instead.

■ 79.3978, 0.2972,
0.3054

■ 79.3978, 0.2972,
0.3054

492.9011, 0.3043,
0.3161

■ 59.2229, 0.2956,
0.3030

132.5187, 0.2996,
0.3090

■ 42.7926, 0.2936,
0.3001

166.2336, 0.3006,
0.3105

■ 29.7224, 0.2912,
0.2965

205.2306, 0.3014,
0.3117

■ 19.6280, 0.2880,
0.2919

249.8941, 0.3021,
0.3128

■ 12.1249, 0.2837,
0.2857

300.6085, 0.3028,
0.3138

■ 6.8288, 0.2777,
0.2770

357.7582, 0.3033,

■ 3.3553, 0.2685,

0.3146

0.2641

421.7276, 0.3038,
0.3154

■ 1.3199, 0.2530,
0.2429

■ 0.1565, 0.1753,
0.1153

■ 79.3978, 0.2972,
0.3054

■ 79.3978, 0.2972,
0.3054

■ 63.6151, 0.2797,
0.2784

■ 97.4997, 0.3129,
0.3292

■ 50.0482, 0.2604,
0.2484

■ 99.8059, 0.3145,
0.3319

■ 38.6008, 0.2399,
0.2160

■ 29.1657, 0.2190,
0.1822

■ 21.6262, 0.1987,
0.1489

■ 15.8536, 0.1806,
0.1184

■ 11.7029, 0.1661,
0.0930

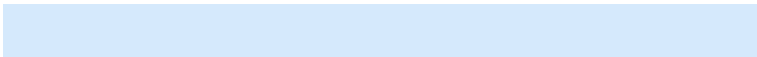
■ 9.0063, 0.1563,
0.0746

■ 7.5409, 0.1511,
0.0639

Harmonies

Analogous

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



79.3978, 0.2884, 0.3084



79.3978, 0.2972, 0.3054



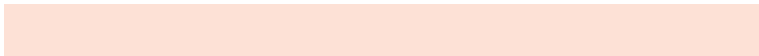
79.3978, 0.3103, 0.3085

Triad

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



79.3978, 0.2972, 0.3054



79.3978, 0.3402, 0.3400



79.3978, 0.3010, 0.3418

Complementary

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



79.3978, 0.2972, 0.3054



94.5864, 0.3277, 0.3516

Split Complementary

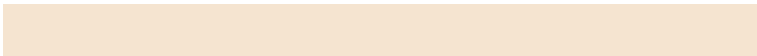
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3978, 0.3147, 0.3508



79.3978, 0.2972, 0.3054



79.3978, 0.3375, 0.3494

Square

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



79.3978, 0.2972, 0.3054



79.3978, 0.3353, 0.3281



79.3978, 0.3281, 0.3535



79.3978, 0.2905, 0.3293

Rectangle

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



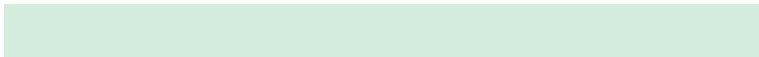
79.3978, 0.2972, 0.3054



79.3978, 0.3198, 0.3135



79.3978, 0.3281, 0.3535



79.3978, 0.3053, 0.3453

Sweetspot

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



79.4011, 0.2972, 0.3054



94.1690, 0.3082, 0.3222



92.8249, 0.2986, 0.3311



19.8305, 0.3070, 0.3203



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.



79.4011, 0.2972, 0.3054



77.9853, 0.2937, 0.3000



80.0456, 0.3041, 0.3039



16.8658, 0.2979, 0.3064



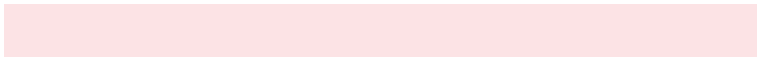
4.0052, 0.1514, 0.0650



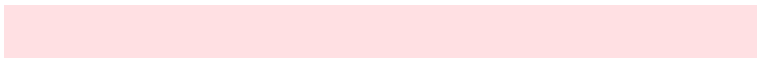
0.4453, 0.1546, 0.0764

Inverse Universe

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



81.2908, 0.3289, 0.3271



80.3241, 0.3328, 0.3266



93.9445, 0.3208, 0.3540



17.2477, 0.3281, 0.3271



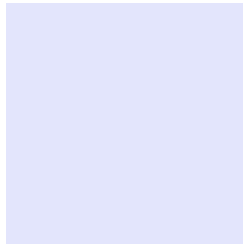
10.8152, 0.6315, 0.3253



1.0092, 0.6128, 0.3149

Previews

White Background



This preview shows how the Yxy color 79.3978, 0.2972, 0.3054 looks on a white background.

Color Contrast Check

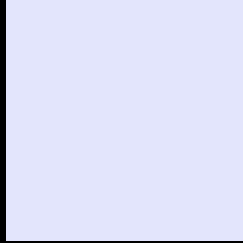
Large Text (above 18pt) WCAG AA × Fail

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 79.3978, 0.2972, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

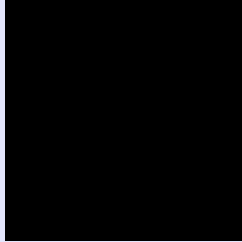
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3978, 0.2972, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 79.3978, 0.2972, 0.3054.



This preview shows how white text looks on a background with the Yxy color 79.3978, 0.2972, 0.3054.

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

79.3978, 0.2972, 0.3054

Protanopia

79.5609, 0.2978, 0.3054

Deuteranopia

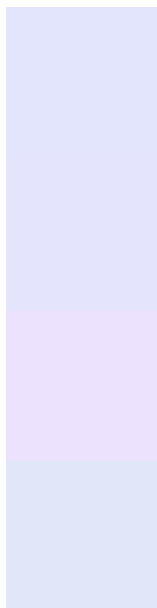
79.2804, 0.3065, 0.3000



Tritanopia

79.5397, 0.2989, 0.3104

Trichromacy



Original Color

79.3978, 0.2972, 0.3054

Protanomaly

79.5609, 0.2978, 0.3054

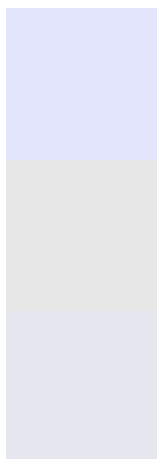
Deuteranomaly

79.4891, 0.3032, 0.3018

Tritanomaly

79.6019, 0.2983, 0.3094

Monochromacy



Original Color

79.3978, 0.2972, 0.3054

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.6486, 0.3071, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3978, 0.2972, 0.3054 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(227, 229, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 252)  
}
```

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(227, 229, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 252) }
```

Border

The CSS property to change the border of an element to Yxy 79.3978, 0.2972, 0.3054 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(227, 229, 252) }
```

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

```
.border{ border-color:rgb(227, 229, 252) }
```

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

Here you see how a box with a 4 pixel rgb(227, 229, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3978, 0.2972, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 252) }
```

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

```
.background{ background-color: rgb(227,  
229, 252) }
```

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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