

Converting Colors

$Yxy(79.3537, 0.3005, 0.3026)$

Have a look what the booklet for
Yxy(79.3537, 0.3005, 0.3026)
contains.

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Color

Yxy(79.3537, 0.3005, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	E9E3FD
RGB	233, 227, 253
RGB Percent	91%, 89%, 99%
CMY	0.0862, 0.1098, 0.0079
CMYK	0.08, 0.10, 0.00, 0.01
HSL	254°, 87%, 94%
HSV	254°, 10%, 99%
XYZ	78.8030, 79.3537, 104.0829
YIQ	231.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

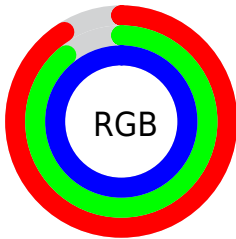
Format	Color
R_{YB}	233, 227, 253
Decimal	15328253
CIE Lab	91.39, 6.81, -11.85
CIE LCh	91, 13.673, 299.888
Yxy	79.3537, 0.3005, 0.3026
Android (android.graphics.Color)	4293518333 (0xFFE9E3FD)
YUV	231.7580, 10.4723, 1.0892
Hunter-Lab	89.0807, 2.0143, -6.9186

Details

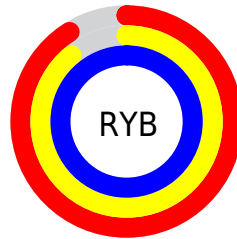
The Yxy color $79.3537, 0.3005, 0.3026$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.5629, 0.3242, 0.3547$, and the grayscale version is $80.4311, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.8377, 0.2977, 0.2976$ is the 20% darker color. If you saturate the color by 10%, you get $63.4234, 0.2868, 0.2740$, and if you desaturate by 10%, it is $97.6851, 0.3124, 0.3283$.

Distribution



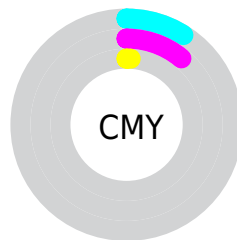
- Red (91%)
- Green (89%)
- Blue (99%)



- Red (91%)
- Yellow (89%)
- Blue (99%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3537, 0.3005, 0.3026 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 79.3537, 0.3005, 0.3026 by changing the saturation by 10% instead.

79.3537, 0.3005,
0.3026

79.3537, 0.3005,
0.3026

492.7521, 0.3061,
0.3145

59.1867, 0.2992,
0.3000

132.4567, 0.3024,
0.3066

42.7634, 0.2977,
0.2968

166.1614, 0.3032,
0.3082

29.6995, 0.2957,
0.2928

205.1475, 0.3039,
0.3096

19.6106, 0.2931,
0.2877

249.7993, 0.3044,
0.3108

12.1123, 0.2897,
0.2809

300.5013, 0.3049,
0.3119

6.8202, 0.2847,
0.2715

357.6378, 0.3054,

3.3499, 0.2772,

0.3128

0.2575

421.5933, 0.3058,
0.3137

■ 1.3170, 0.2642,
0.2349

■ 0.1543, 0.2137,
0.1054

■ 79.3537, 0.3005,
0.3026

■ 79.3537, 0.3005,
0.3026

■ 63.4234, 0.2868,
0.2740

■ 97.6851, 0.3124,
0.3283

■ 49.7840, 0.2713,
0.2429

99.8713, 0.3139,
0.3309

■ 38.3319, 0.2541,
0.2099

■ 28.9513, 0.2359,
0.1764

■ 21.5156, 0.2173,
0.1441

■ 15.8841, 0.1994,
0.1152

■ 11.8966, 0.1834,
0.0918

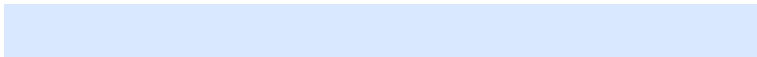
■ 9.3632, 0.1704,
0.0754

■ 8.0041, 0.1612,
0.0662

Harmonies

Analogous

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



79.3537, 0.2881, 0.3032



79.3537, 0.3005, 0.3026



79.3537, 0.3165, 0.3087

Triad

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



79.3537, 0.3005, 0.3026



79.3537, 0.3441, 0.3464



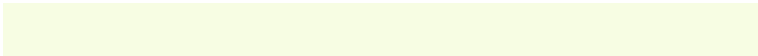
79.3537, 0.2938, 0.3382

Complementary

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



79.3537, 0.3005, 0.3026



95.5629, 0.3242, 0.3547

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.



79.3537, 0.3084, 0.3507



79.3537, 0.3005, 0.3026



79.3537, 0.3376, 0.3552

Square

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



79.3537, 0.3005, 0.3026



79.3537, 0.3420, 0.3335



79.3537, 0.3245, 0.3569



79.3537, 0.2843, 0.3233

Rectangle

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



79.3537, 0.3005, 0.3026



79.3537, 0.3270, 0.3157



79.3537, 0.3245, 0.3569



79.3537, 0.2982, 0.3428

Sweetspot

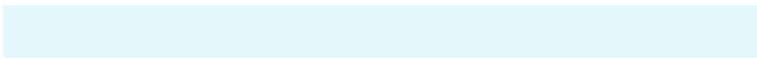
The Sweet Spot groups the original color and five complimentary colors.



79.3571, 0.3005, 0.3026



94.1171, 0.3093, 0.3216



90.1651, 0.2968, 0.3233



19.8166, 0.3084, 0.3196



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.



79.3571, 0.3005, 0.3026



77.8136, 0.2983, 0.2978



81.5577, 0.3089, 0.3033



17.5802, 0.3015, 0.3047



4.3121, 0.1624, 0.0668



0.4666, 0.1730, 0.0727

Inverse Universe

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



82.5364, 0.3178, 0.3094



81.5596, 0.3187, 0.3060



93.3457, 0.3161, 0.3553



18.2244, 0.3174, 0.3109



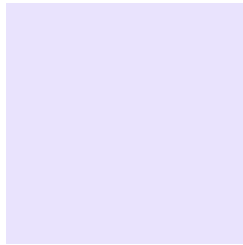
13.2176, 0.3898, 0.1921



1.3036, 0.3803, 0.1868

Previews

White Background



This preview shows how the Yxy color 79.3537, 0.3005, 0.3026 looks on a white background.

Color Contrast Check

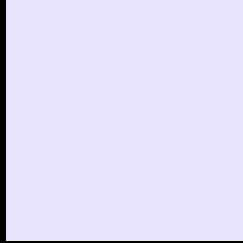
Large Text (above 18pt) WCAG AA × Fail

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 79.3537, 0.3005, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

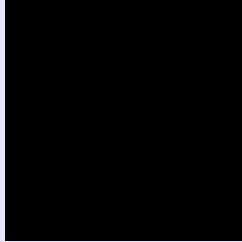
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

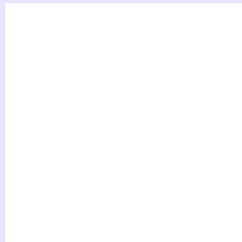
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3537, 0.3005, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 79.3537, 0.3005, 0.3026.

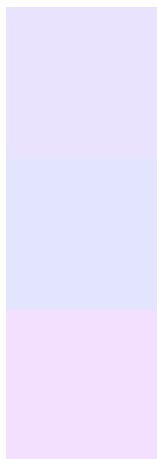


This preview shows how white text looks on a background with the Yxy color 79.3537, 0.3005, 0.3026.

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

79.3537, 0.3005, 0.3026

Protanopia

79.5253, 0.2960, 0.3034

Deuteranopia

79.3443, 0.3059, 0.2991



Tritanopia

79.2964, 0.3041, 0.3105

Trichromacy



Original Color

79.3537, 0.3005, 0.3026

Protanomaly

79.3006, 0.2973, 0.3024

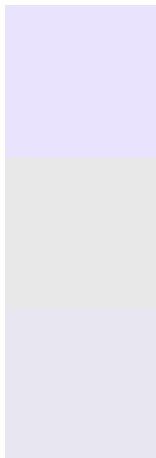
Deuteranomaly

79.3569, 0.3039, 0.2999

Tritanomaly

79.4822, 0.3023, 0.3075

Monochromacy



Original Color

79.3537, 0.3005, 0.3026

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.0407, 0.3078, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3537, 0.3005, 0.3026 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(233, 227, 253)` looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 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(233, 227, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 253) }
```

Border

The CSS property to change the border of an element to Yxy 79.3537, 0.3005, 0.3026 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(233, 227, 253) }
```

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

```
.border{ border-color:rgb(233, 227, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 227, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 253);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3537, 0.3005, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 253) }
```

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

```
.background{ background-color: rgb(233,  
227, 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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