

Converting Colors

$Y_{xy}(79.2268, 0.3017, 0.3046)$

Have a look what the booklet for
Yxy(79.2268, 0.3017, 0.3046)
contains.

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Color

Yxy(79.2268, 0.3017, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	E9E3FB
RGB	233, 227, 251
RGB Percent	91%, 89%, 98%
CMY	0.0864, 0.1097, 0.0158
CMYK	0.07, 0.10, 0.00, 0.02
HSL	255°, 75%, 94%
HSV	255°, 10%, 98%
XYZ	78.4725, 79.2268, 102.4018
YIQ	231.5300, -4.1280, 8.7360

Conversions

Conversions Part 2

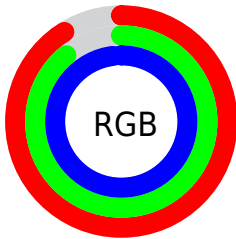
Format	Color
R_{YB}	233, 227, 251
Decimal	15328251
CIE Lab	91.34, 6.40, -10.89
CIE LCh	91, 12.630, 300.461
Yxy	79.2268, 0.3017, 0.3046
Android (android.graphics.Color)	4293518331 (0xFFE9E3FB)
YUV	231.5300, 9.5987, 1.2892
Hunter-Lab	89.0094, 1.6027, -5.9042

Details

The Yxy color **79.2268, 0.3017, 0.3046** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.9455, 0.3231, 0.3528**, and the grayscale version is **80.2534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7472, 0.2993, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **63.4776, 0.2884, 0.2763**, and if you desaturate by 10%, it is **97.3236, 0.3132, 0.3301**.

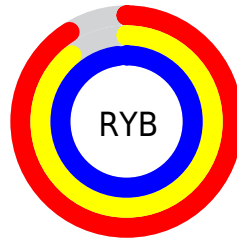
Distribution



Red (91%)

Green (89%)

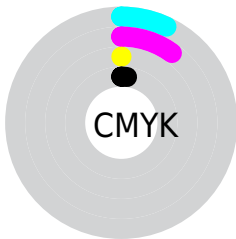
Blue (98%)



Red (91%)

Yellow (89%)

Blue (98%)

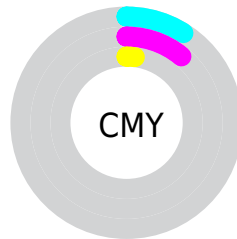


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2268, 0.3017, 0.3046 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 79.2268, 0.3017, 0.3046 by changing the saturation by 10% instead.

79.2268, 0.3017,
0.3046

79.2268, 0.3017,
0.3046

492.3233, 0.3068,
0.3156

59.0823, 0.3006,
0.3022

132.2781, 0.3035,
0.3083

42.6794, 0.2991,
0.2992

165.9537, 0.3041,
0.3098

29.6336, 0.2974,
0.2955

204.9084, 0.3047,
0.3111

19.5607, 0.2950,
0.2907

249.5267, 0.3052,
0.3122

12.0761, 0.2919,
0.2844

300.1930, 0.3057,
0.3132

6.7955, 0.2874,
0.2756

357.2915, 0.3061,

3.3346, 0.2806,

0.3141

0.2626

421.2068, 0.3064,
0.3149

■ 1.3088, 0.2688,
0.2413

■ 0.1480, 0.2172,
0.1082

■ 79.2268, 0.3017,
0.3046

■ 79.2268, 0.3017,
0.3046

■ 63.4776, 0.2884,
0.2763

■ 97.3236, 0.3132,
0.3301

■ 49.9691, 0.2734,
0.2454

■ 99.7435, 0.3150,
0.3328

■ 38.6010, 0.2567,
0.2128

■ 29.2614, 0.2389,
0.1795

■ 21.8280, 0.2205,
0.1472

■ 16.1649, 0.2027,
0.1182

■ 12.1179, 0.1866,
0.0944

■ 9.5049, 0.1732,
0.0774

■ 8.0478, 0.1633,
0.0675

Harmonies

Analogous

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



79.2268, 0.2901, 0.3050



79.2268, 0.3017, 0.3046



79.2268, 0.3165, 0.3103

Triad

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



79.2268, 0.3017, 0.3046



79.2268, 0.3417, 0.3454



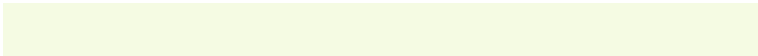
79.2268, 0.2950, 0.3372

Complementary

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



79.2268, 0.3017, 0.3046



93.9455, 0.3231, 0.3528

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.



79.2268, 0.3085, 0.3488



79.2268, 0.3017, 0.3046



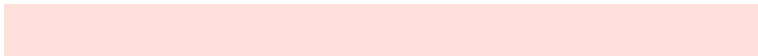
79.2268, 0.3356, 0.3533

Square

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



79.2268, 0.3017, 0.3046



79.2268, 0.3399, 0.3335



79.2268, 0.3233, 0.3547



79.2268, 0.2863, 0.3235

Rectangle

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



79.2268, 0.3017, 0.3046



79.2268, 0.3262, 0.3169



79.2268, 0.3233, 0.3547



79.2268, 0.2991, 0.3415

Sweetspot

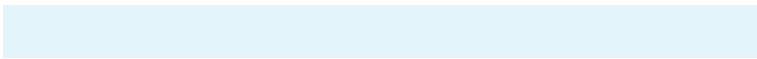
The Sweet Spot groups the original color and five complimentary colors.



79.2302, 0.3017, 0.3046



94.1409, 0.3094, 0.3216



88.8366, 0.2979, 0.3233



19.8230, 0.3085, 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.



79.2302, 0.3017, 0.3046



79.6070, 0.2999, 0.3006



81.2517, 0.3095, 0.3052



16.8508, 0.3018, 0.3047



4.2603, 0.1642, 0.0678



0.4421, 0.1757, 0.0741

Inverse Universe

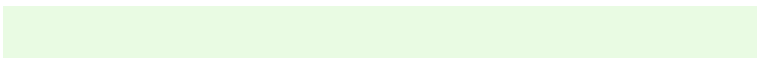
The Inverse Universe completely reimagines the original color for something new.



82.0493, 0.3176, 0.3112



82.9510, 0.3185, 0.3084



91.9189, 0.3156, 0.3534



17.4467, 0.3176, 0.3113



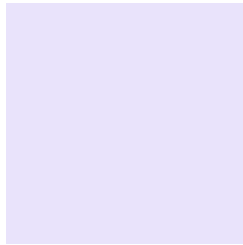
12.7310, 0.3957, 0.1953



1.1959, 0.3848, 0.1893

Previews

White Background



This preview shows how the Yxy color 79.2268, 0.3017, 0.3046 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 79.2268, 0.3017, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

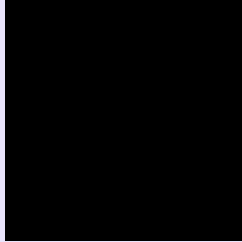
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2268, 0.3017, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 79.2268, 0.3017, 0.3046.

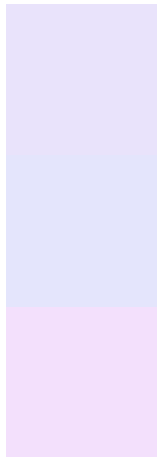


This preview shows how white text looks on a background with the Yxy color 79.2268, 0.3017, 0.3046.

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

79.2268, 0.3017, 0.3046

Protanopia

79.5609, 0.2978, 0.3054

Deuteranopia

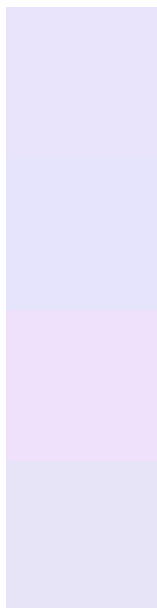
79.3943, 0.3079, 0.3011



Tritanopia

79.2964, 0.3041, 0.3105

Trichromacy



Original Color

79.2268, 0.3017, 0.3046

Protanomaly

79.3381, 0.2991, 0.3045

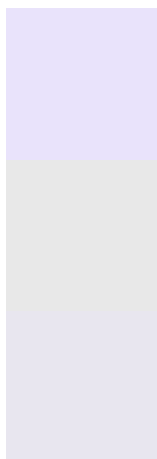
Deuteranomaly

79.2294, 0.3051, 0.3018

Tritanomaly

79.4199, 0.3029, 0.3085

Monochromacy



Original Color

79.2268, 0.3017, 0.3046

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.9814, 0.3084, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2268, 0.3017, 0.3046 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 251) }
```

Border

The CSS property to change the border of an element to Yxy 79.2268, 0.3017, 0.3046 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, 251) }
```

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

```
.border{ border-color:rgb(233, 227, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 251);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2268, 0.3017, 0.3046 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, 251) }
```

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

```
.background{ background-color: rgb(233,  
227, 251) }
```

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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