

Converting Colors

$Yxy(76.8832, 0.3006, 0.3104)$

Have a look what the booklet for
Yxy(76.8832, 0.3006, 0.3104)
contains.

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Color

Yxy(76.9319, 0.3007, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	E1E2F4
RGB	225, 226, 244
RGB Percent	88%, 89%, 96%
CMY	0.1176, 0.1137, 0.0432
CMYK	0.08, 0.07, 0.00, 0.04
HSL	237°, 46%, 92%
HSV	237°, 8%, 96%
XYZ	74.5758, 76.9319, 96.4997
YIQ	227.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

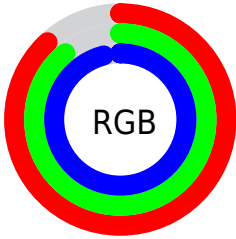
Format	Color
R _Y B	225, 226, 244
Decimal	14803700
CIE Lab	90.29, 3.02, -8.85
CIE LCh	90, 9.352, 288.824
Yxy	76.9319, 0.3007, 0.3102
Android (android.graphics.Color)	4292993780 (0xFFE1E2F4)
YUV	227.7530, 8.0098, -2.4144
Hunter-Lab	87.7108, -1.7250, -3.8334

Details

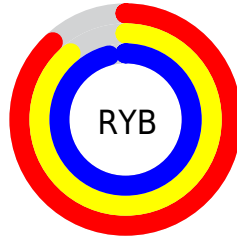
The Yxy color **76.9319, 0.3007, 0.3102** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88.7627, 0.3244, 0.3471**, and the grayscale version is **77.3389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3027, 0.2980, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **61.5568, 0.2835, 0.2831**, and if you desaturate by 10%, it is **94.5677, 0.3159, 0.3340**.

Distribution



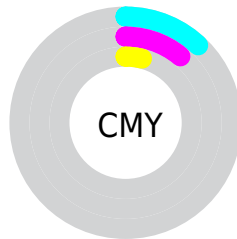
- Red (88%)
- Green (89%)
- Blue (96%)



- Red (88%)
- Yellow (89%)
- Blue (96%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9319, 0.3007, 0.3102 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 76.9319, 0.3007, 0.3102 by changing the saturation by 10% instead.

■ 76.9319, 0.3007,
0.3102

■ 76.9319, 0.3007,
0.3102

484.5318, 0.3062,
0.3188

■ 57.1970, 0.2994,
0.3083

129.0433, 0.3026,
0.3131

■ 41.1634, 0.2979,
0.3059

162.1887, 0.3034,
0.3143

■ 28.4468, 0.2960,
0.3030

200.5729, 0.3040,
0.3153

■ 18.6627, 0.2934,
0.2991

244.5805, 0.3046,
0.3162

■ 11.4268, 0.2900,
0.2940

294.5958, 0.3050,
0.3169

■ 6.3547, 0.2851,
0.2868

351.0031, 0.3055,

■ 3.0619, 0.2776,

0.3176

0.2758

414.1870, 0.3059,
0.3182

■ 1.1642, 0.2645,
0.2572

■ 0.0321, 0.1319,
0.0407

■ 76.9319, 0.3007,
0.3102

■ 76.9319, 0.3007,
0.3102

■ 61.5568, 0.2835,
0.2831

■ 94.5677, 0.3159,
0.3340

■ 48.3416, 0.2645,
0.2529

■ 99.3112, 0.3191,
0.3396

■ 37.1926, 0.2440,
0.2200

■ 28.0053, 0.2228,
0.1857

■ 20.6661, 0.2021,
0.1516

■ 15.0496, 0.1832,
0.1201

■ 11.0150, 0.1679,
0.0938

■ 8.3992, 0.1572,
0.0748

■ 6.9994, 0.1515,
0.0638

Harmonies

Analogous

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



76.9319, 0.2935, 0.3125



76.9319, 0.3007, 0.3102



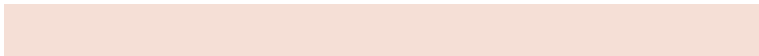
76.9319, 0.3112, 0.3128

Triad

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



76.9319, 0.3007, 0.3102



76.9319, 0.3345, 0.3381



76.9319, 0.3031, 0.3388

Complementary

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



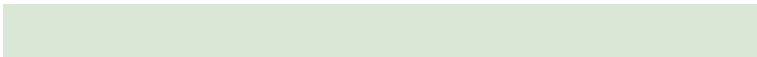
76.9319, 0.3007, 0.3102



88.7627, 0.3244, 0.3471

Split Complementary

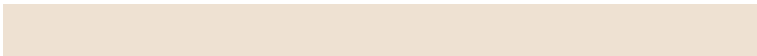
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9319, 0.3139, 0.3460



76.9319, 0.3007, 0.3102



76.9319, 0.3322, 0.3454

Square

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



76.9319, 0.3007, 0.3102



76.9319, 0.3309, 0.3287



76.9319, 0.3246, 0.3484



76.9319, 0.2949, 0.3290

Rectangle

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



76.9319, 0.3007, 0.3102



76.9319, 0.3187, 0.3169



76.9319, 0.3246, 0.3484



76.9319, 0.3065, 0.3417

Sweetspot

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



76.9352, 0.3007, 0.3102



96.0022, 0.3097, 0.3243



87.1594, 0.3014, 0.3303



20.5903, 0.3099, 0.3246



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.



76.9352, 0.3007, 0.3102



82.8111, 0.2987, 0.3070



77.7455, 0.3062, 0.3095



16.0671, 0.2979, 0.3058



3.7651, 0.1509, 0.0632



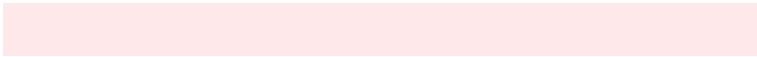
0.3794, 0.1532, 0.0714

Inverse Universe

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



78.5748, 0.3254, 0.3280



84.8996, 0.3277, 0.3278



87.9257, 0.3188, 0.3484



16.4967, 0.3285, 0.3278



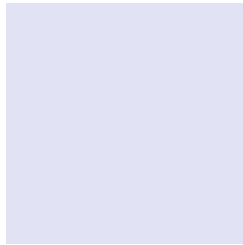
10.4795, 0.6346, 0.3269



0.9259, 0.6209, 0.3194

Previews

White Background



This preview shows how the Yxy color 76.9319, 0.3007, 0.3102 looks on a white background.

Color Contrast Check

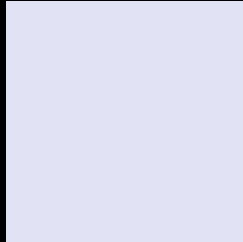
Large Text (above 18pt) WCAG AA × Fail

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 76.9319, 0.3007, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

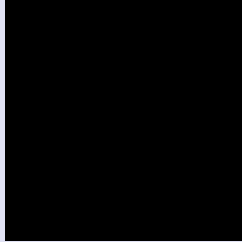
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.9319, 0.3007, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 76.9319, 0.3007, 0.3102.

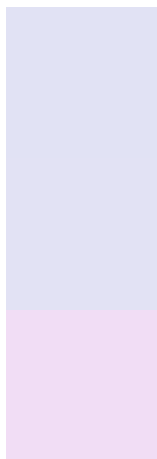


This preview shows how white text looks on a background with the Yxy color 76.9319, 0.3007, 0.3102.

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

76.9319, 0.3007, 0.3102

Protanopia

77.0931, 0.3014, 0.3102

Deuteranopia

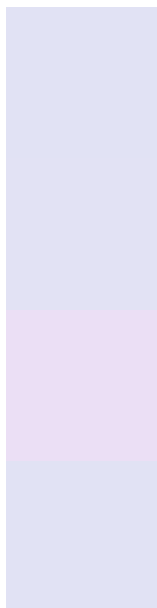
77.0062, 0.3111, 0.3047



Tritanopia

76.9319, 0.3007, 0.3102

Trichromacy



Original Color

76.9319, 0.3007, 0.3102

Protanomaly

77.0931, 0.3014, 0.3102

Deuteranomaly

77.0301, 0.3069, 0.3065

Tritanomaly

76.9319, 0.3007, 0.3102

Monochromacy



Original Color

76.9319, 0.3007, 0.3102

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.2096, 0.3083, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9319, 0.3007, 0.3102 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(225, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 244)  
}
```

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(225, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 244) }
```

Border

The CSS property to change the border of an element to Yxy 76.9319, 0.3007, 0.3102 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(225, 226, 244) }
```

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

```
.border{ border-color:rgb(225, 226, 244) }
```

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

Here you see how a box with a 4 pixel rgb(225, 226, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9319, 0.3007, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 244) }
```

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

```
.background{ background-color: rgb(225,  
226, 244) }
```

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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