

Converting Colors

$Yxy(76.3763, 0.3077, 0.3129)$

Have a look what the booklet for
Yxy(76.3763, 0.3077, 0.3129)
contains.

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Color

Yxy(76.5322, 0.3079, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	E7E0EF
RGB	231, 224, 239
RGB Percent	91%, 88%, 94%
CMY	0.0942, 0.1215, 0.0627
CMYK	0.03, 0.06, 0.00, 0.06
HSL	268°, 32%, 91%
HSV	268°, 6%, 94%
XYZ	75.1891, 76.5322, 92.4784
YIQ	227.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

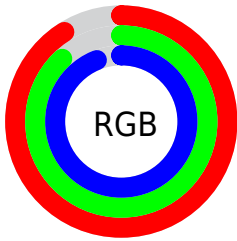
Format	Color
R_{YB}	231, 224, 239
Decimal	15196399
CIE _{Lab}	90.11, 5.07, -6.46
CIE _{LCh}	90, 8.216, 308.128
Yxy	76.5322, 0.3079, 0.3134
Android (android.graphics.Color)	4293386479 (0xFFE7E0EF)
YUV	227.8030, 5.5201, 2.8038
Hunter-Lab	87.4827, 0.3214, -1.4379

Details

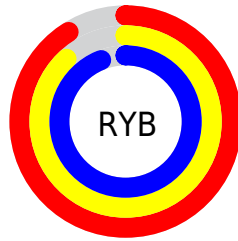
The Yxy color **76.5322, 0.3079, 0.3134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.2826, 0.3173, 0.3446**, and the grayscale version is **77.3923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9088, 0.3064, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **62.5289, 0.2992, 0.2867**, and if you desaturate by 10%, it is **92.5031, 0.3153, 0.3378**.

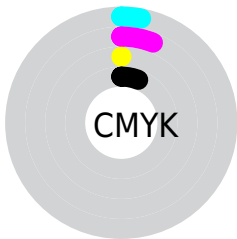
Distribution



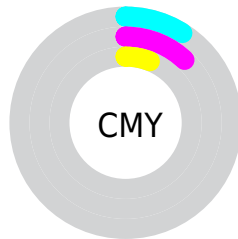
- Red (91%)
- Green (88%)
- Blue (94%)



- Red (91%)
- Yellow (88%)
- Blue (94%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.5322, 0.3079, 0.3134 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 76.5322, 0.3079, 0.3134 by changing the saturation by 10% instead.

76.5322, 0.3079,
0.3134

76.5322, 0.3079,
0.3134

483.1676, 0.3101,
0.3205

56.8690, 0.3074,
0.3118

128.4789, 0.3087,
0.3158

40.9001, 0.3068,
0.3099

161.5312, 0.3090,
0.3168

28.2410, 0.3059,
0.3074

199.8154, 0.3092,
0.3176

18.5074, 0.3049,
0.3042

243.7158, 0.3095,
0.3183

11.3149, 0.3034,
0.3000

293.6168, 0.3097,
0.3190

6.2791, 0.3014,
0.2940

349.9029, 0.3098,

3.0155, 0.2981,

0.3195

0.2848

412.9583, 0.3100,
0.3200

■ 1.1398, 0.2922,
0.2693

■ 0.0117, 0.2208,
0.0192

■ 76.5322, 0.3079,
0.3134

■ 76.5322, 0.3079,
0.3134

■ 62.5289, 0.2992,
0.2867

■ 92.5031, 0.3153,
0.3378

■ 50.4050, 0.2891,
0.2581

■ 99.0127, 0.3220,
0.3444

■ 40.0805, 0.2776,
0.2281

■ 31.4652, 0.2649,
0.1977

■ 24.4612, 0.2512,
0.1682

■ 18.9602, 0.2371,
0.1410

■ 14.8400, 0.2231,
0.1178

■ 11.9582, 0.2099,
0.0999

■ 10.1382, 0.1982,
0.0878

Harmonies

Analogous

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



76.5322, 0.2994, 0.3127



76.5322, 0.3079, 0.3134



76.5322, 0.3178, 0.3181

Triad

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



76.5322, 0.3079, 0.3134



76.5322, 0.3312, 0.3415



76.5322, 0.2992, 0.3322

Complementary

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



76.5322, 0.3079, 0.3134



84.2826, 0.3173, 0.3446

Split Complementary

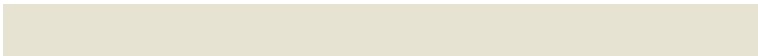
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5322, 0.3075, 0.3403



76.5322, 0.3079, 0.3134



76.5322, 0.3260, 0.3456

Square

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



76.5322, 0.3079, 0.3134



76.5322, 0.3313, 0.3342



76.5322, 0.3173, 0.3452



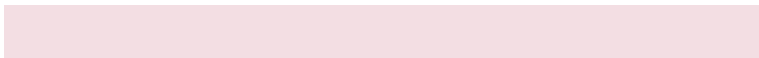
76.5322, 0.2945, 0.3233

Rectangle

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



76.5322, 0.3079, 0.3134



76.5322, 0.3238, 0.3230



76.5322, 0.3173, 0.3452



76.5322, 0.3016, 0.3351

Sweetspot

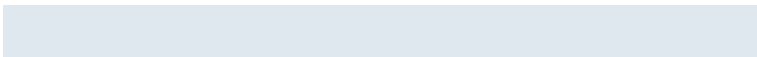
The Sweet Spot groups the original color and five complimentary colors.



76.5355, 0.3079, 0.3134



96.2756, 0.3112, 0.3241



79.9408, 0.3030, 0.3219



20.6460, 0.3113, 0.3244



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.



76.5355, 0.3079, 0.3134



85.6578, 0.3065, 0.3089



77.7706, 0.3129, 0.3137



15.5892, 0.3052, 0.3051



5.3962, 0.1958, 0.0852



0.5075, 0.2103, 0.0932

Inverse Universe

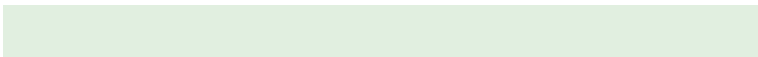
The Inverse Universe completely reimagines the original color for something new.



77.4960, 0.3180, 0.3208



87.0714, 0.3196, 0.3184



83.0907, 0.3125, 0.3448



15.9001, 0.3209, 0.3164



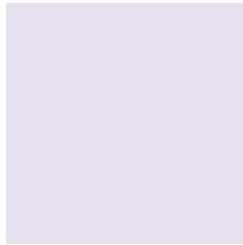
11.0258, 0.4812, 0.2424



0.9373, 0.4543, 0.2276

Previews

White Background



This preview shows how the Yxy color 76.5322, 0.3079, 0.3134 looks on a white background.

Color Contrast Check

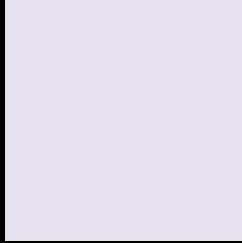
Large Text (above 18pt) WCAG AA × Fail

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 76.5322, 0.3079, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

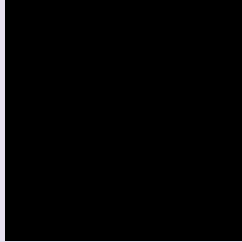
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

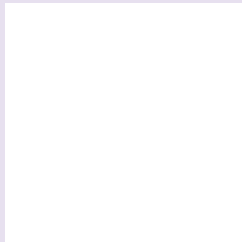
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5322, 0.3079, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 76.5322, 0.3079, 0.3134.

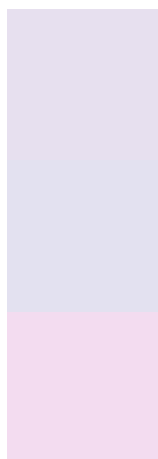


This preview shows how white text looks on a background with the Yxy color 76.5322, 0.3079, 0.3134.

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

76.5322, 0.3079, 0.3134

Protanopia

76.4726, 0.3045, 0.3133

Deuteranopia

76.5324, 0.3158, 0.3087



Tritanopia

76.6511, 0.3066, 0.3114

Trichromacy



Original Color

76.5322, 0.3079, 0.3134

Protanomaly

76.6357, 0.3052, 0.3133

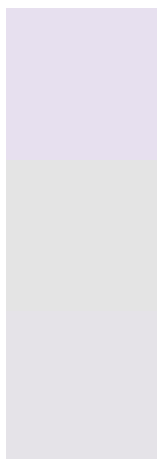
Deuteranomaly

76.3549, 0.3129, 0.3096

Tritanomaly

76.5915, 0.3073, 0.3124

Monochromacy



Original Color

76.5322, 0.3079, 0.3134

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.4224, 0.3109, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5322, 0.3079, 0.3134 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(231, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 239)  
}
```

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(231, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 239) }
```

Border

The CSS property to change the border of an element to Yxy 76.5322, 0.3079, 0.3134 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(231, 224, 239) }
```

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

```
.border{ border-color:rgb(231, 224, 239) }
```

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

Here you see how a box with a 4 pixel rgb(231, 224, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5322, 0.3079, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 224, 239) }
```

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

```
.background{ background-color: rgb(231,  
224, 239) }
```

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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