

Converting Colors

$Yxy(79.2394, 0.3051, 0.3096)$

Have a look what the booklet for
Yxy(79.2394, 0.3051, 0.3096)
contains.

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Color

Yxy(79.0844, 0.3055, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	EAE3F6
RGB	234, 227, 246
RGB Percent	92%, 89%, 96%
CMY	0.0823, 0.1098, 0.0354
CMYK	0.05, 0.08, 0.00, 0.04
HSL	262°, 51%, 93%
HSV	262°, 8%, 96%
XYZ	78.0371, 79.0844, 98.3191
YIQ	231.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

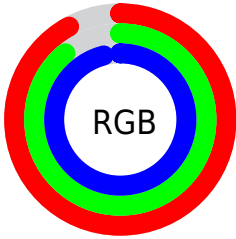
Format	Color
R _Y B	234, 227, 246
Decimal	15393782
CIE Lab	91.27, 5.81, -8.36
CIE LCh	91, 10.180, 304.809
Yxy	79.0844, 0.3055, 0.3096
Android (android.graphics.Color)	4293583862 (0xFFEAE3F6)
YUV	231.2590, 7.2673, 2.4039
Hunter-Lab	88.9294, 1.0104, -3.2996

Details

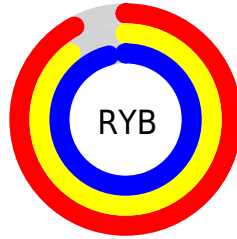
The Yxy color **79.0844, 0.3055, 0.3096** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.7851, 0.3196, 0.3482**, and the grayscale version is **80.0631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6877, 0.3033, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **64.0702, 0.2948, 0.2823**, and if you desaturate by 10%, it is **96.2568, 0.3147, 0.3345**.

Distribution



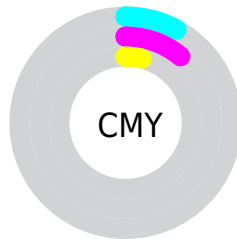
- Red (92%)
- Green (89%)
- Blue (96%)



- Red (92%)
- Yellow (89%)
- Blue (96%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)




- Cyan (8%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0844, 0.3055, 0.3096 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 79.0844, 0.3055, 0.3096 by changing the saturation by 10% instead.


 79.0844, 0.3055,
0.3096

 79.0844, 0.3055,
0.3096


491.8418, 0.3088,
0.3184

 58.9652, 0.3047,
0.3077

132.0777, 0.3067,
0.3126

 42.5851, 0.3038,
0.3053


165.7205, 0.3071,
0.3138

 29.5597, 0.3026,
0.3023


204.6401, 0.3075,
0.3148

 19.5046, 0.3011,
0.2985

249.2207, 0.3078,
0.3157

 12.0355, 0.2990,
0.2934

299.8468, 0.3081,
0.3165

 6.7679, 0.2960,
0.2862

356.9027, 0.3084,

 3.3173, 0.2914,

0.3172

0.2756

420.7730, 0.3086,
0.3178

■ 1.2996, 0.2833,
0.2579

■ 0.1409, 0.2389,
0.1220

■ 79.0844, 0.3055,
0.3096

■ 79.0844, 0.3055,
0.3096

■ 64.0702, 0.2948,
0.2823

■ 96.2568, 0.3147,
0.3345

■ 51.1173, 0.2825,
0.2527

■ 99.4323, 0.3179,
0.3376

■ 40.1359, 0.2687,
0.2215

■ 31.0260, 0.2536,
0.1898

■ 23.6783, 0.2377,
0.1590

■ 17.9717, 0.2215,
0.1307

■ 13.7693, 0.2061,
0.1070

■ 10.9109, 0.1922,
0.0891

■ 9.1839, 0.1805,
0.0776

Harmonies

Analogous

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



79.0844, 0.2956, 0.3092



79.0844, 0.3055, 0.3096



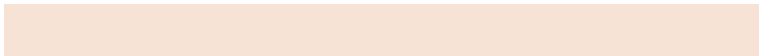
79.0844, 0.3176, 0.3149

Triad

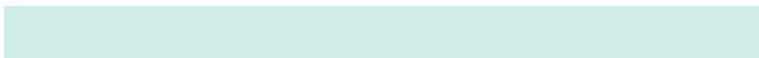
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0844, 0.3055, 0.3096



79.0844, 0.3357, 0.3435



79.0844, 0.2971, 0.3341

Complementary

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



79.0844, 0.3055, 0.3096



89.7851, 0.3196, 0.3482

Split Complementary

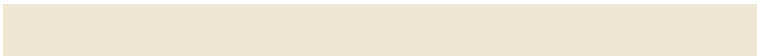
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0844, 0.3076, 0.3438



79.0844, 0.3055, 0.3096



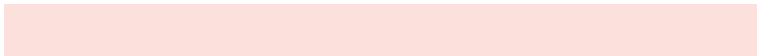
79.0844, 0.3300, 0.3491

Square

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



79.0844, 0.3055, 0.3096



79.0844, 0.3352, 0.3342



79.0844, 0.3196, 0.3493



79.0844, 0.2908, 0.3231

Rectangle

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



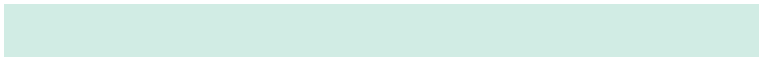
79.0844, 0.3055, 0.3096



79.0844, 0.3252, 0.3206



79.0844, 0.3196, 0.3493



79.0844, 0.3002, 0.3376

Sweetspot

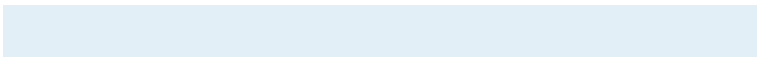
The Sweet Spot groups the original color and five complimentary colors.



79.0878, 0.3055, 0.3096



96.1848, 0.3109, 0.3241



84.7271, 0.3008, 0.3218



20.6275, 0.3110, 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.



79.0878, 0.3055, 0.3096



83.5817, 0.3042, 0.3062



80.7255, 0.3119, 0.3100



16.2253, 0.3037, 0.3049



4.8125, 0.1797, 0.0764



0.4794, 0.1935, 0.0840

Inverse Universe

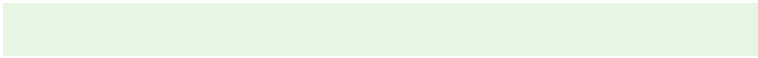
The Inverse Universe completely reimagines the original color for something new.



80.7568, 0.3181, 0.3170



85.6864, 0.3191, 0.3149



88.1879, 0.3134, 0.3486



16.6582, 0.3195, 0.3142



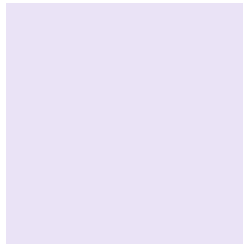
11.7486, 0.4420, 0.2208



1.0524, 0.4227, 0.2102

Previews

White Background



This preview shows how the Yxy color 79.0844, 0.3055, 0.3096 looks on a white background.

Color Contrast Check

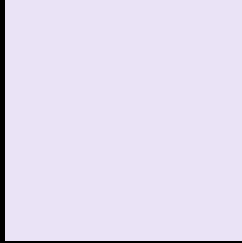
Large Text (above 18pt) WCAG AA × Fail

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 79.0844, 0.3055, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

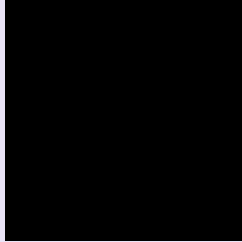
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

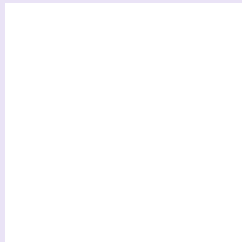
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0844, 0.3055, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 79.0844, 0.3055, 0.3096.



This preview shows how white text looks on a background with the Yxy color 79.0844, 0.3055, 0.3096.

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

79.0844, 0.3055, 0.3096

Protanopia

78.8602, 0.3015, 0.3094

Deuteranopia

78.9032, 0.3125, 0.3050



Tritanopia

79.0232, 0.3061, 0.3106

Trichromacy



Original Color

79.0844, 0.3055, 0.3096

Protanomaly

79.1911, 0.3028, 0.3095

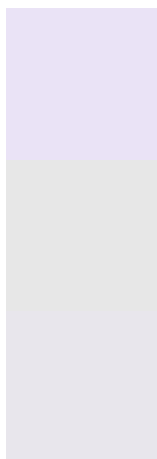
Deuteranomaly

78.7275, 0.3097, 0.3058

Tritanomaly

79.0232, 0.3061, 0.3106

Monochromacy



Original Color

79.0844, 0.3055, 0.3096

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.8056, 0.3103, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0844, 0.3055, 0.3096 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(234, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 246)  
}
```

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(234, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 246) }
```

Border

The CSS property to change the border of an element to Yxy 79.0844, 0.3055, 0.3096 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(234, 227, 246) }
```

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

```
.border{ border-color:rgb(234, 227, 246) }
```

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

Here you see how a box with a 4 pixel rgb(234, 227, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0844, 0.3055, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 246) }
```

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

```
.background{ background-color: rgb(234,  
227, 246) }
```

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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