

Converting Colors

$Yxy(79.6765, 0.3034, 0.3115)$

Have a look what the booklet for
Yxy(79.6765, 0.3034, 0.3115)
contains.

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Color

Yxy(79.6814, 0.3034, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	E7E5F6
RGB	231, 229, 246
RGB Percent	91%, 90%, 96%
CMY	0.0942, 0.1019, 0.0351
CMYK	0.06, 0.07, 0.00, 0.04
HSL	247°, 49%, 93%
HSV	247°, 7%, 96%
XYZ	77.6094, 79.6814, 98.5082
YIQ	231.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

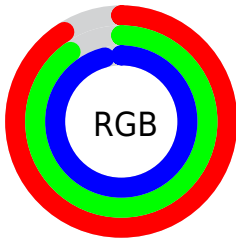
Format	Color
R _Y B	231, 229, 246
Decimal	15197686
CIE Lab	91.54, 3.79, -8.02
CIE LCh	92, 8.870, 295.321
Yxy	79.6814, 0.3034, 0.3115
Android (android.graphics.Color)	4293387766 (0xFFE7E5F6)
YUV	231.5360, 7.1308, -0.4701
Hunter-Lab	89.2644, -1.0190, -2.9447

Details

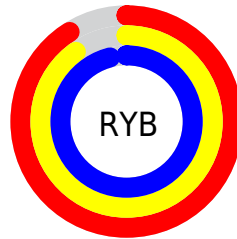
The Yxy color **79.6814, 0.3034, 0.3115** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.8363, 0.3217, 0.3461**, and the grayscale version is **80.2814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1038, 0.3007, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **63.6238, 0.2883, 0.2835**, and if you desaturate by 10%, it is **98.1248, 0.3166, 0.3363**.

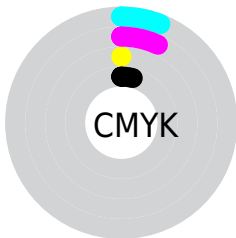
Distribution



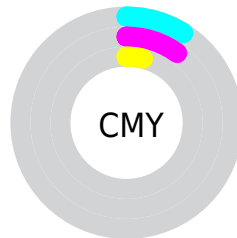
- Red (91%)
- Green (90%)
- Blue (96%)



- Red (91%)
- Yellow (90%)
- Blue (96%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6814, 0.3034, 0.3115 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 79.6814, 0.3034, 0.3115 by changing the saturation by 10% instead.

79.6814, 0.3034,
0.3115

79.6814, 0.3034,
0.3115

493.8585, 0.3077,
0.3194

59.4562, 0.3024,
0.3097

132.9177, 0.3049,
0.3142

42.9805, 0.3013,
0.3076

166.6976, 0.3054,
0.3153

29.8698, 0.2998,
0.3049

205.7645, 0.3059,
0.3162

19.7398, 0.2978,
0.3014

250.5029, 0.3064,
0.3170

12.2060, 0.2952,
0.2968

301.2971, 0.3068,
0.3177

6.8842, 0.2915,
0.2903

358.5315, 0.3071,

3.3898, 0.2858,

0.3183

0.2805

422.5905, 0.3074,
0.3189

■ 1.3384, 0.2761,
0.2643

■ 0.1707, 0.2175,
0.1456

■ 79.6814, 0.3034,
0.3115

■ 79.6814, 0.3034,
0.3115

■ 63.6238, 0.2883,
0.2835

■ 98.1248, 0.3166,
0.3363

■ 49.8447, 0.2712,
0.2525

■ 99.4362, 0.3179,
0.3376

■ 38.2437, 0.2524,
0.2190

■ 28.7087, 0.2324,
0.1843

■ 21.1181, 0.2122,
0.1501

■ 15.3368, 0.1930,
0.1188

■ 11.2130, 0.1763,
0.0928

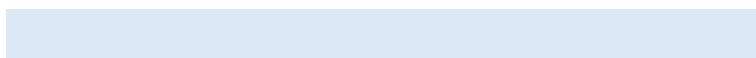
■ 8.5692, 0.1635,
0.0743

■ 7.1827, 0.1552,
0.0640

Harmonies

Analogous

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



79.6814, 0.2958, 0.3127



79.6814, 0.3034, 0.3115



79.6814, 0.3136, 0.3148

Triad

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



79.6814, 0.3034, 0.3115



79.6814, 0.3332, 0.3393



79.6814, 0.3017, 0.3363

Complementary

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



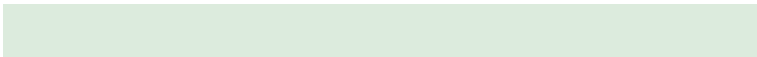
79.6814, 0.3034, 0.3115



90.8363, 0.3217, 0.3461

Split Complementary

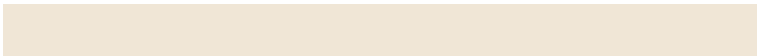
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6814, 0.3116, 0.3438



79.6814, 0.3034, 0.3115



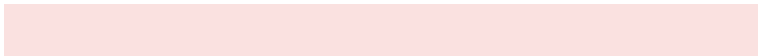
79.6814, 0.3298, 0.3454

Square

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



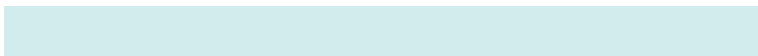
79.6814, 0.3034, 0.3115



79.6814, 0.3309, 0.3307



79.6814, 0.3219, 0.3471



79.6814, 0.2949, 0.3269

Rectangle

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



79.6814, 0.3034, 0.3115



79.6814, 0.3205, 0.3192



79.6814, 0.3219, 0.3471



79.6814, 0.3048, 0.3392

Sweetspot

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



79.6848, 0.3034, 0.3115



95.9442, 0.3101, 0.3241



88.2186, 0.3020, 0.3272



20.5785, 0.3102, 0.3243



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.



79.6848, 0.3034, 0.3115



84.4072, 0.3018, 0.3086



81.0884, 0.3089, 0.3118



16.0189, 0.2997, 0.3046



3.7179, 0.1542, 0.0623



0.3561, 0.1623, 0.0667

Inverse Universe

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



82.1772, 0.3148, 0.3140



87.5161, 0.3151, 0.3116



89.3945, 0.3163, 0.3463



16.7332, 0.3156, 0.3083



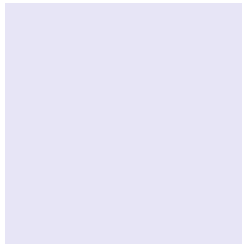
13.1572, 0.3526, 0.1716



1.1656, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 79.6814, 0.3034, 0.3115 looks on a white background.

Color Contrast Check

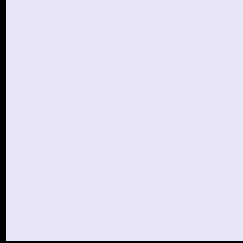
Large Text (above 18pt) WCAG AA × Fail

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 79.6814, 0.3034, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

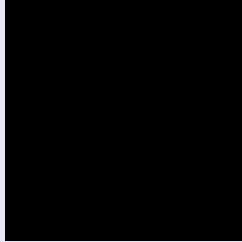
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.6814, 0.3034, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 79.6814, 0.3034, 0.3115.

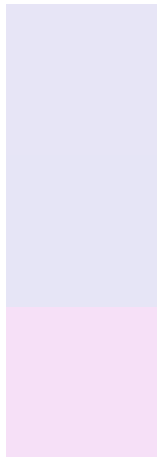


This preview shows how white text looks on a background with the Yxy color 79.6814, 0.3034, 0.3115.

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

79.6814, 0.3034, 0.3115

Protanopia

79.5154, 0.3028, 0.3115

Deuteranopia

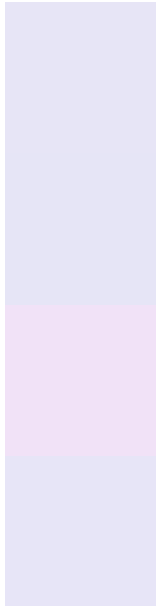
79.6195, 0.3131, 0.3061



Tritanopia

79.7429, 0.3028, 0.3105

Trichromacy



Original Color

79.6814, 0.3034, 0.3115

Protanomaly

79.5154, 0.3028, 0.3115

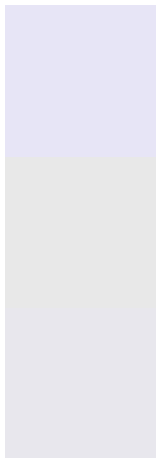
Deuteranomaly

79.8089, 0.3096, 0.3079

Tritanomaly

79.7429, 0.3028, 0.3105

Monochromacy



Original Color

79.6814, 0.3034, 0.3115

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.4221, 0.3096, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6814, 0.3034, 0.3115 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, 229, 246)` looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 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(231, 229, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 246) }
```

Border

The CSS property to change the border of an element to Yxy 79.6814, 0.3034, 0.3115 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, 229, 246) }
```

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

```
.border{ border-color:rgb(231, 229, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 229, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6814, 0.3034, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 246) }
```

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

```
.background{ background-color: rgb(231,  
229, 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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