

Converting Colors

$Yxy(80.7118, 0.3103, 0.3061)$

Have a look what the booklet for
Yxy(80.7118, 0.3103, 0.3061)
contains.

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Color

Yxy(80.4654, 0.3104, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	F4E2F9
RGB	244, 226, 249
RGB Percent	96%, 89%, 98%
CMY	0.0429, 0.1138, 0.0234
CMYK	0.02, 0.09, 0.00, 0.02
HSL	287°, 66%, 93%
HSV	287°, 9%, 98%
XYZ	81.6224, 80.4654, 100.8710
YIQ	234.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

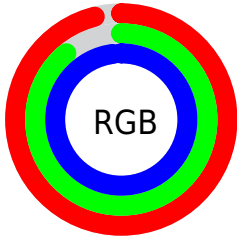
Format	Color
R _Y B	244, 226, 249
Decimal	16048889
CIE Lab	91.89, 10.20, -8.95
CIE LCh	92, 13.566, 318.742
Yxy	80.4654, 0.3104, 0.3060
Android (android.graphics.Color)	4294238969 (0xFFFF4E2F9)
YUV	234.0040, 7.3930, 8.7665
Hunter-Lab	89.7025, 5.4420, -3.8802

Details

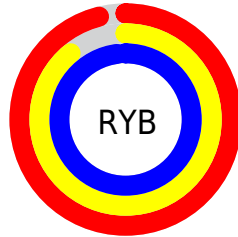
The Yxy color $80.4654, 0.3104, 0.3060$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $90.2362, 0.3148, 0.3526$, and the grayscale version is $82.2321, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.6674, 0.3096, 0.3009$ is the 20% darker color. If you saturate the color by 10%, you get $66.9507, 0.3074, 0.2800$, and if you desaturate by 10%, it is $95.9816, 0.3129, 0.3308$.

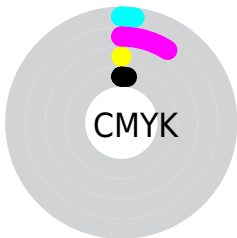
Distribution



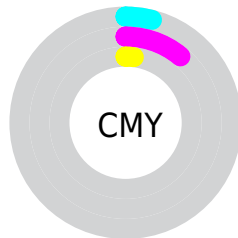
- Red (96%)
- Green (89%)
- Blue (98%)



- Red (96%)
- Yellow (89%)
- Blue (98%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.4654, 0.3104, 0.3060 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 80.4654, 0.3104, 0.3060 by changing the saturation by 10% instead.

 80.4654, 0.3104,
0.3060

 80.4654, 0.3104,
0.3060

496.4999, 0.3115,
0.3163

 60.1014, 0.3101,
0.3037

134.0199, 0.3108,
0.3095

 43.5004, 0.3098,
0.3010


167.9791, 0.3110,
0.3109

 30.2779, 0.3094,
0.2975


207.2389, 0.3111,
0.3121

 20.0496, 0.3088,
0.2931

252.1837, 0.3112,
0.3131

 12.4311, 0.3080,
0.2873

303.1977, 0.3113,
0.3141

 7.0380, 0.3067,
0.2793

360.6655, 0.3114,

 3.4859, 0.3048,

0.3149

0.2674

424.9714, 0.3115,
0.3156

■ 1.3904, 0.3011,
0.2481

■ 0.2096, 0.2965,
0.1387

■ 80.4654, 0.3104,
0.3060

■ 80.4654, 0.3104,
0.3060

■ 66.9507, 0.3074,
0.2800

■ 95.9816, 0.3129,
0.3308

■ 55.3426, 0.3037,
0.2532

■ 99.5807, 0.3160,
0.3347

■ 45.5537, 0.2995,
0.2266

■ 99.6211, 0.3162,
0.3347

■ 37.4857, 0.2947,
0.2011

■ 31.0312, 0.2894,
0.1778

■ 26.0701, 0.2837,
0.1579

■ 22.4657, 0.2779,
0.1421

■ 20.0556, 0.2720,
0.1311

■ 18.5920, 0.2664,
0.1243

Harmonies

Analogous

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



80.4654, 0.2955, 0.3023



80.4654, 0.3104, 0.3060



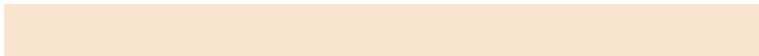
80.4654, 0.3263, 0.3154

Triad

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



80.4654, 0.3104, 0.3060



80.4654, 0.3406, 0.3523



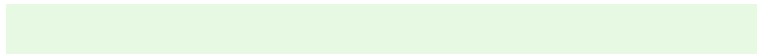
80.4654, 0.2874, 0.3288

Complementary

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



80.4654, 0.3104, 0.3060



90.2362, 0.3148, 0.3526

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.



80.4654, 0.2990, 0.3431



80.4654, 0.3104, 0.3060



80.4654, 0.3297, 0.3568

Square

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



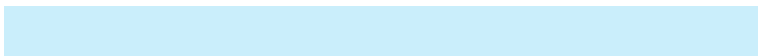
80.4654, 0.3104, 0.3060



80.4654, 0.3440, 0.3418



80.4654, 0.3144, 0.3535



80.4654, 0.2825, 0.3150

Rectangle

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



80.4654, 0.3104, 0.3060



80.4654, 0.3352, 0.3238



80.4654, 0.3144, 0.3535



80.4654, 0.2906, 0.3338

Sweetspot

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



80.4689, 0.3104, 0.3060



94.9048, 0.3120, 0.3217



80.1449, 0.2983, 0.3104



20.0291, 0.3118, 0.3197



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.



80.4689, 0.3104, 0.3060



82.2634, 0.3099, 0.3015



80.9682, 0.3180, 0.3126



17.3250, 0.3103, 0.3054



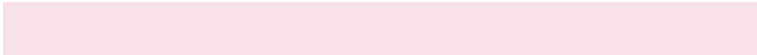
9.9639, 0.2669, 0.1244



0.9680, 0.2736, 0.1281

Inverse Universe

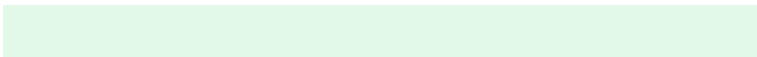
The Inverse Universe completely reimagines the original color for something new.



80.2938, 0.3256, 0.3241



82.0534, 0.3284, 0.3231



89.7879, 0.3078, 0.3460



17.2864, 0.3260, 0.3239



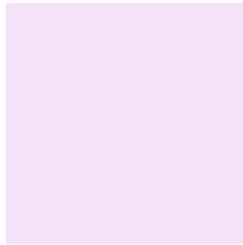
10.9380, 0.6036, 0.3099



1.0280, 0.5716, 0.2922

Previews

White Background



This preview shows how the Yxy color 80.4654, 0.3104, 0.3060 looks on a white background.

Color Contrast Check

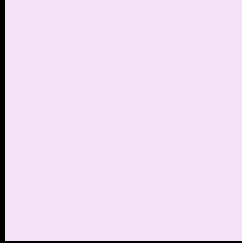
Large Text (above 18pt) WCAG AA × Fail

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 80.4654, 0.3104, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

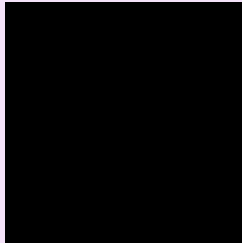
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

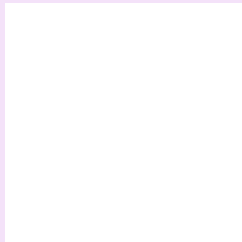
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.4654, 0.3104, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 80.4654, 0.3104, 0.3060.

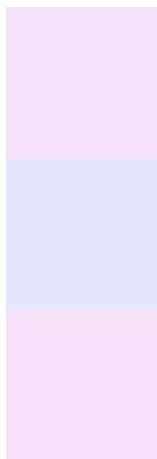


This preview shows how white text looks on a background with the Yxy color 80.4654, 0.3104, 0.3060.

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

80.4654, 0.3104, 0.3060

Protanopia

80.4449, 0.2991, 0.3065

Deuteranopia

80.2828, 0.3118, 0.3051



Tritanopia

80.5854, 0.3122, 0.3109

Trichromacy



Original Color

80.4654, 0.3104, 0.3060

Protanomaly

80.6658, 0.3030, 0.3067

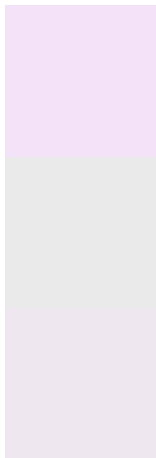
Deuteranomaly

80.1025, 0.3111, 0.3051

Tritanomaly

80.6467, 0.3116, 0.3099

Monochromacy



Original Color

80.4654, 0.3104, 0.3060

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5610, 0.3124, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4654, 0.3104, 0.3060 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(244, 226, 249)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 249)  
}
```

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(244, 226, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 249) }
```

Border

The CSS property to change the border of an element to Yxy 80.4654, 0.3104, 0.3060 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(244, 226, 249) }
```

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

```
.border{ border-color:rgb(244, 226, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 249);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4654, 0.3104, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 249) }
```

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

```
.background{ background-color: rgb(244,  
226, 249) }
```

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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