

Converting Colors

$Yxy(80.9068, 0.3109, 0.3077)$

Have a look what the booklet for
Yxy(80.9068, 0.3109, 0.3077)
contains.

Yxy(80.9486, 0.3110, 0.3080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(80.9486, 0.3110, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	F4E3F8
RGB	244, 227, 248
RGB Percent	96%, 89%, 97%
CMY	0.0429, 0.1099, 0.0274
CMYK	0.02, 0.08, 0.00, 0.03
HSL	289°, 60%, 93%
HSV	289°, 8%, 97%
XYZ	81.7371, 80.9486, 100.1345
YIQ	234.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

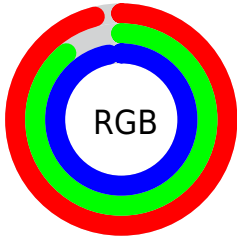
Format	Color
R _Y B	244, 227, 248
Decimal	16049144
CIE Lab	92.11, 9.49, -8.10
CIE LCh	92, 12.477, 319.527
Yxy	80.9486, 0.3110, 0.3080
Android (android.graphics.Color)	4294239224 (0xFF4E3F8)
YUV	234.4770, 6.6668, 8.3517
Hunter-Lab	89.9714, 4.7133, -3.0073

Details

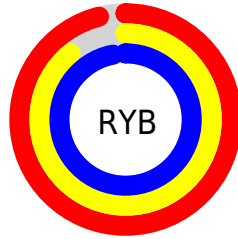
The Yxy color **80.9486, 0.3110, 0.3080** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.6683, 0.3142, 0.3506**, and the grayscale version is **82.6140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0022, 0.3104, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **67.5250, 0.3085, 0.2821**, and if you desaturate by 10%, it is **96.3544, 0.3130, 0.3327**.

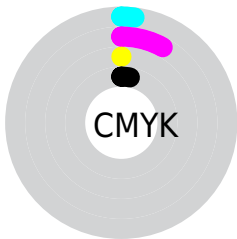
Distribution



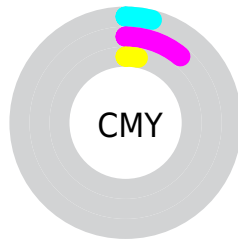
- Red (96%)
- Green (89%)
- Blue (97%)



- Red (96%)
- Yellow (89%)
- Blue (97%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)




- Cyan (4%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.9486, 0.3110, 0.3080 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 80.9486, 0.3110, 0.3080 by changing the saturation by 10% instead.


 80.9486, 0.3110,
0.3080

 80.9486, 0.3110,
0.3080


498.1240, 0.3118,
0.3174

 60.4993, 0.3108,
0.3059


134.6986, 0.3113,
0.3112

 43.8212, 0.3105,
0.3034


168.7680, 0.3114,
0.3125

 30.5300, 0.3102,
0.3003


208.1463, 0.3115,
0.3136

 20.2412, 0.3098,
0.2962

253.2178, 0.3116,
0.3145

 12.5705, 0.3091,
0.2909

304.3669, 0.3117,
0.3154

 7.1335, 0.3082,
0.2835

361.9781, 0.3117,

 3.5457, 0.3067,

0.3161

0.2726

426.4356, 0.3118,
0.3168

■ 1.4228, 0.3038,
0.2549

■ 0.2335, 0.3009,
0.1549

■ 80.9486, 0.3110,
0.3080

■ 80.9486, 0.3110,
0.3080

■ 67.5250, 0.3085,
0.2821

■ 96.3544, 0.3130,
0.3327

■ 55.9898, 0.3055,
0.2557

■ 99.2541, 0.3157,
0.3357

■ 46.2572, 0.3020,
0.2293

■ 99.5582, 0.3168,
0.3357

■ 38.2307, 0.2980,
0.2041

■ 31.8046, 0.2935,
0.1811

■ 26.8613, 0.2887,
0.1615

■ 23.2671, 0.2836,
0.1460

■ 20.8637, 0.2786,
0.1351

■ 19.4267, 0.2736,
0.1285

Harmonies

Analogous

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



80.9486, 0.2972, 0.3045



80.9486, 0.3110, 0.3080



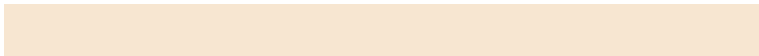
80.9486, 0.3255, 0.3168

Triad

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



80.9486, 0.3110, 0.3080



80.9486, 0.3381, 0.3506



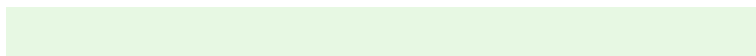
80.9486, 0.2892, 0.3285

Complementary

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



80.9486, 0.3110, 0.3080



89.6683, 0.3142, 0.3506

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.



80.9486, 0.2998, 0.3417



80.9486, 0.3110, 0.3080



80.9486, 0.3280, 0.3545

Square

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



80.9486, 0.3110, 0.3080



80.9486, 0.3414, 0.3411



80.9486, 0.3139, 0.3513



80.9486, 0.2849, 0.3159

Rectangle

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



80.9486, 0.3110, 0.3080



80.9486, 0.3336, 0.3246



80.9486, 0.3139, 0.3513



80.9486, 0.2921, 0.3330

Sweetspot

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



80.9521, 0.3110, 0.3080



94.9439, 0.3121, 0.3217



80.3657, 0.2996, 0.3116



20.0397, 0.3120, 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.



80.9521, 0.3110, 0.3080



83.8973, 0.3107, 0.3041



81.2825, 0.3178, 0.3143



17.3499, 0.3108, 0.3054



10.4533, 0.2736, 0.1281



1.0093, 0.2796, 0.1314

Inverse Universe

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



80.6555, 0.3248, 0.3251



83.5333, 0.3273, 0.3243



89.3725, 0.3080, 0.3441



17.2785, 0.3264, 0.3246



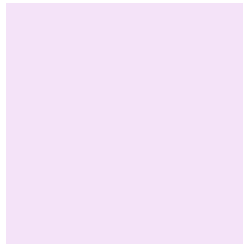
10.9048, 0.6109, 0.3139



1.0238, 0.5800, 0.2969

Previews

White Background



This preview shows how the Yxy color 80.9486, 0.3110, 0.3080 looks on a white background.

Color Contrast Check

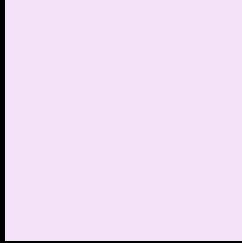
Large Text (above 18pt) WCAG AA × Fail

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 80.9486, 0.3110, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

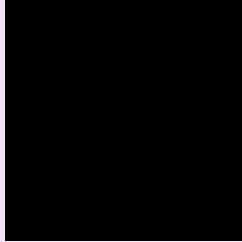
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

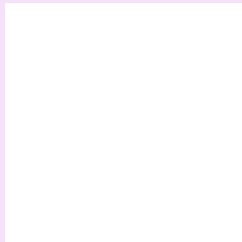
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.9486, 0.3110, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 80.9486, 0.3110, 0.3080.



This preview shows how white text looks on a background with the Yxy color 80.9486, 0.3110, 0.3080.

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

80.9486, 0.3110, 0.3080

Protanopia

81.0429, 0.3010, 0.3096

Deuteranopia

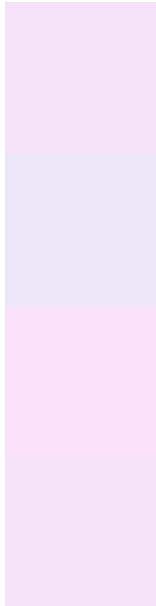
81.1265, 0.3137, 0.3072



Tritanopia

80.7638, 0.3129, 0.3110

Trichromacy



Original Color

80.9486, 0.3110, 0.3080

Protanomaly

81.2660, 0.3049, 0.3098

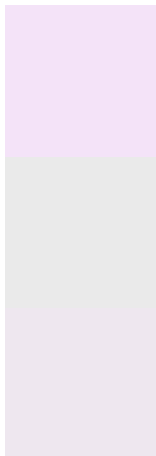
Deuteranomaly

80.9442, 0.3131, 0.3072

Tritanomaly

80.8251, 0.3122, 0.3100

Monochromacy



Original Color

80.9486, 0.3110, 0.3080

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 80.9486, 0.3110, 0.3080 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, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 248)  
}
```

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, 227, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 248) }
```

Border

The CSS property to change the border of an element to Yxy 80.9486, 0.3110, 0.3080 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, 227, 248) }
```

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

```
.border{ border-color:rgb(244, 227, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 227, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 227, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 227, 248); box-shadow:4px 4px 4px 4px rgb(244, 227, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9486, 0.3110, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 227, 248) }
```

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

```
.background{ background-color: rgb(244,  
227, 248) }
```

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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