

Converting Colors

$Yxy(80.7044, 0.3097, 0.3065)$

Have a look what the booklet for
Yxy(80.7044, 0.3097, 0.3065)
contains.

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Color

Yxy(80.8324, 0.3097, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	F3E3F9
RGB	243, 227, 249
RGB Percent	95%, 89%, 98%
CMY	0.0468, 0.1098, 0.0235
CMYK	0.02, 0.09, 0.00, 0.02
HSL	284°, 65%, 93%
HSV	284°, 9%, 98%
XYZ	81.5433, 80.8324, 100.9220
YIQ	234.2920, 2.4740, 10.2340

Conversions

Conversions Part 2

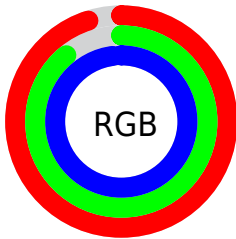
Format	Color
R _Y B	243, 227, 249
Decimal	15983609
CIE Lab	92.06, 9.34, -8.70
CIE LCh	92, 12.761, 317.039
Yxy	80.8324, 0.3097, 0.3070
Android (android.graphics.Color)	4294173689 (0xFF3E3F9)
YUV	234.2920, 7.2510, 7.6369
Hunter-Lab	89.9068, 4.5582, -3.6193

Details

The Yxy color **80.8324, 0.3097, 0.3070** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.6055, 0.3154, 0.3515**, and the grayscale version is **82.4615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9201, 0.3087, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **67.0126, 0.3056, 0.2808**, and if you desaturate by 10%, it is **96.6725, 0.3131, 0.3318**.

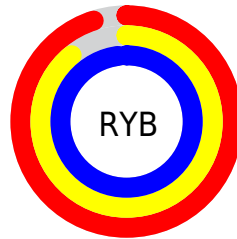
Distribution



Red (95%)

Green (89%)

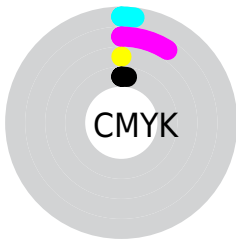
Blue (98%)



Red (95%)

Yellow (89%)

Blue (98%)

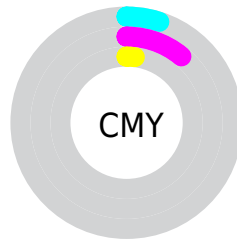


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (5%)


Magenta (11%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.8324, 0.3097, 0.3070 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 80.8324, 0.3097, 0.3070 by changing the saturation by 10% instead.

 80.8324, 0.3097,
0.3070

 80.8324, 0.3097,
0.3070


497.7337, 0.3111,
0.3168

 60.4036, 0.3094,
0.3048


134.5354, 0.3102,
0.3104

 43.7440, 0.3089,
0.3022


168.5784, 0.3104,
0.3117

 30.4693, 0.3084,
0.2989


207.9282, 0.3106,
0.3128

 20.1951, 0.3077,
0.2947

252.9692, 0.3107,
0.3138

 12.5369, 0.3067,
0.2891

304.0859, 0.3108,
0.3147

 7.1105, 0.3053,
0.2814

361.6626, 0.3110,

 3.5313, 0.3030,

0.3155

0.2700

426.0837, 0.3111,
0.3162

■ 1.4150, 0.2988,
0.2515

■ 0.2277, 0.2908,
0.1490

■ 80.8324, 0.3097,
0.3070

■ 80.8324, 0.3097,
0.3070

■ 67.0126, 0.3056,
0.2808

■ 96.6725, 0.3131,
0.3318

■ 55.1180, 0.3008,
0.2537

■ 99.6193, 0.3162,
0.3347

■ 45.0615, 0.2953,
0.2264

■ 36.7448, 0.2890,
0.2000

■ 30.0608, 0.2822,
0.1755

■ 24.8897, 0.2749,
0.1543

■ 21.0954, 0.2675,
0.1372

■ 18.5167, 0.2602,
0.1249

■ 16.9175, 0.2531,
0.1171

Harmonies

Analogous

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



80.8324, 0.2959, 0.3039



80.8324, 0.3097, 0.3070



80.8324, 0.3247, 0.3156

Triad

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



80.8324, 0.3097, 0.3070



80.8324, 0.3393, 0.3505



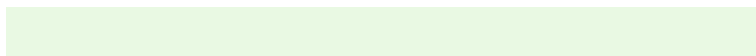
80.8324, 0.2893, 0.3297

Complementary

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



80.8324, 0.3097, 0.3070



90.6055, 0.3154, 0.3515

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.



80.8324, 0.3006, 0.3430



80.8324, 0.3097, 0.3070



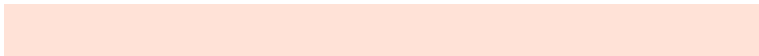
80.8324, 0.3294, 0.3551

Square

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



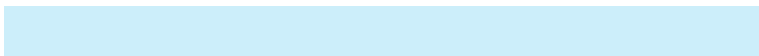
80.8324, 0.3097, 0.3070



80.8324, 0.3420, 0.3404



80.8324, 0.3152, 0.3524



80.8324, 0.2843, 0.3165

Rectangle

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



80.8324, 0.3097, 0.3070



80.8324, 0.3332, 0.3234



80.8324, 0.3152, 0.3524



80.8324, 0.2925, 0.3343

Sweetspot

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



80.8359, 0.3097, 0.3070



94.8263, 0.3117, 0.3217



81.5730, 0.2990, 0.3128



20.0079, 0.3115, 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.



80.8359, 0.3097, 0.3070



81.9832, 0.3089, 0.3014



81.6163, 0.3168, 0.3119



17.2752, 0.3095, 0.3053



9.0450, 0.2534, 0.1170



0.8898, 0.2618, 0.1216

Inverse Universe

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



80.9499, 0.3242, 0.3231



82.1413, 0.3274, 0.3216



89.8900, 0.3089, 0.3467



17.3022, 0.3251, 0.3226



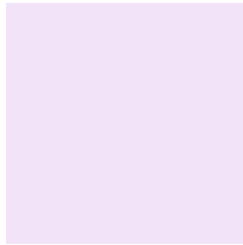
11.0189, 0.5869, 0.3007



1.0374, 0.5535, 0.2823

Previews

White Background



This preview shows how the Yxy color 80.8324, 0.3097, 0.3070 looks on a white background.

Color Contrast Check

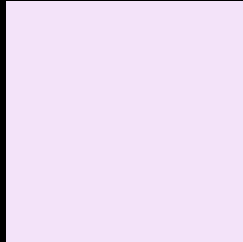
Large Text (above 18pt) WCAG AA × Fail

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 80.8324, 0.3097, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

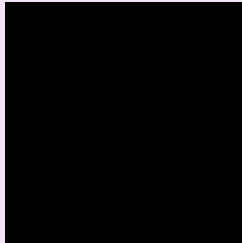
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

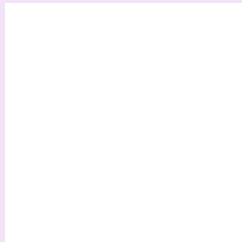
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8324, 0.3097, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 80.8324, 0.3097, 0.3070.



This preview shows how white text looks on a background with the Yxy color 80.8324, 0.3097, 0.3070.

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

80.8324, 0.3097, 0.3070

Protanopia

81.1058, 0.3004, 0.3086

Deuteranopia

81.0064, 0.3124, 0.3062



Tritanopia

81.1341, 0.3122, 0.3119

Trichromacy



Original Color

80.8324, 0.3097, 0.3070

Protanomaly

81.1579, 0.3036, 0.3087

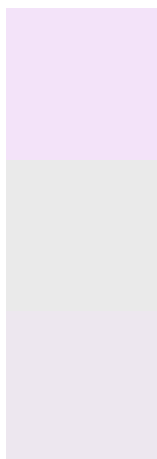
Deuteranomaly

80.8251, 0.3117, 0.3061

Tritanomaly

81.1953, 0.3115, 0.3110

Monochromacy



Original Color

80.8324, 0.3097, 0.3070

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.3883, 0.3117, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8324, 0.3097, 0.3070 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(243, 227, 249)` looks like.

```
.text, #text, p{  
    color:rgb(243, 227, 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(243, 227, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 227, 249) }
```

Border

The CSS property to change the border of an element to Yxy 80.8324, 0.3097, 0.3070 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(243, 227, 249) }
```

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

```
.border{ border-color:rgb(243, 227, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 227, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 227, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 227, 249);  
box-shadow:4px 4px 4px 4px rgb(243, 227,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8324, 0.3097, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 227, 249) }
```

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

```
.background{ background-color: rgb(243,  
227, 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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