

Converting Colors

Yxy(80.7381, 0.3138, 0.3095)

Have a look what the booklet for
Yxy(80.7381, 0.3138, 0.3095)
contains.

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Color

Yxy(80.6394, 0.3137, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	F6E2F6
RGB	246, 226, 246
RGB Percent	96%, 89%, 96%
CMY	0.0352, 0.1137, 0.0355
CMYK	0.00, 0.08, 0.00, 0.04
HSL	300°, 53%, 93%
HSV	300°, 8%, 96%
XYZ	81.8395, 80.6394, 98.4056
YIQ	234.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

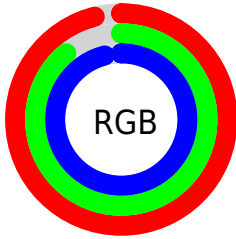
Format	Color
R _{YB}	246, 226, 246
Decimal	16179958
CIE _{Lab}	91.97, 10.28, -7.21
CIE _{LCh}	92, 12.560, 324.964
Y _{xy}	80.6394, 0.3137, 0.3091
Android (android.graphics.Color)	4294370038 (0xFF6E2F6)
Y _{UV}	234.2600, 5.7878, 10.2960
Hunter-Lab	89.7994, 5.5284, -2.1126

Details

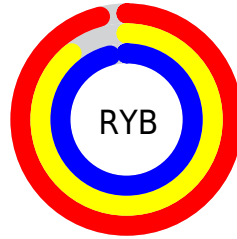
The Yxy color **80.6394, 0.3137, 0.3091** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5946, 0.3117, 0.3497**, and the grayscale version is **82.4421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7907, 0.3139, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **68.2032, 0.3149, 0.2841**, and if you desaturate by 10%, it is **95.0024, 0.3125, 0.3335**.

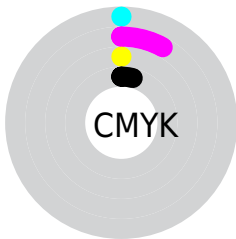
Distribution



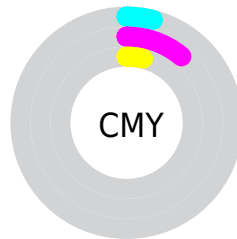
- Red (96%)
- Green (89%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.6394, 0.3137, 0.3091 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 80.6394, 0.3137, 0.3091 by changing the saturation by 10% instead.


 80.6394, 0.3137,
0.3091

 80.6394, 0.3137,
0.3091

497.0850, 0.3133,
0.3180

 60.2447, 0.3138,
0.3071


134.2643, 0.3136,
0.3121

 43.6159, 0.3139,
0.3047


168.2633, 0.3135,
0.3133

 30.3686, 0.3139,
0.3017


207.5658, 0.3135,
0.3144

 20.1186, 0.3140,
0.2979

252.5562, 0.3134,
0.3153

 12.4813, 0.3142,
0.2929

303.6190, 0.3134,
0.3161

 7.0723, 0.3143,
0.2858

361.1384, 0.3134,

 3.5074, 0.3143,

0.3168

0.2754

425.4990, 0.3133,
0.3174

■ 1.4020, 0.3140,
0.2585

■ 0.2182, 0.3232,
0.1538

■ 80.6394, 0.3137,
0.3091

■ 80.6394, 0.3137,
0.3091

■ 68.2032, 0.3149,
0.2841

■ 95.0024, 0.3125,
0.3335

■ 57.6019, 0.3162,
0.2591


■ 97.7809, 0.3122,
0.3376

■ 48.7518, 0.3174,
0.2350


■ 97.7864, 0.3122,
0.3375

■ 41.5588, 0.3186,
0.2127


■ 97.7919, 0.3121,
0.3374

 35.9197, 0.3196,
0.1932


 97.7974, 0.3121,
0.3374


 31.7199, 0.3204,
0.1773

 97.8030, 0.3120,
0.3373


 28.8290, 0.3211,
0.1657

 97.8085, 0.3120,
0.3372

 27.0931, 0.3215,
0.1585

 97.8141, 0.3119,
0.3371

 26.2995, 0.3218,
0.1551

 97.8196, 0.3119,
0.3370

Harmonies

Analogous

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



80.6394, 0.2994, 0.3045



80.6394, 0.3137, 0.3091



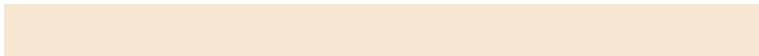
80.6394, 0.3280, 0.3187

Triad

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



80.6394, 0.3137, 0.3091



80.6394, 0.3369, 0.3520



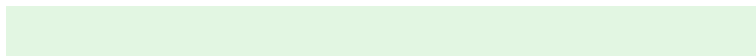
80.6394, 0.2877, 0.3261

Complementary

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



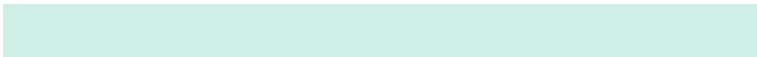
80.6394, 0.3137, 0.3091



87.5946, 0.3117, 0.3497

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.



80.6394, 0.2974, 0.3395



80.6394, 0.3137, 0.3091



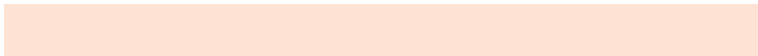
80.6394, 0.3257, 0.3547

Square

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



80.6394, 0.3137, 0.3091



80.6394, 0.3416, 0.3432



80.6394, 0.3112, 0.3501



80.6394, 0.2846, 0.3138

Rectangle

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



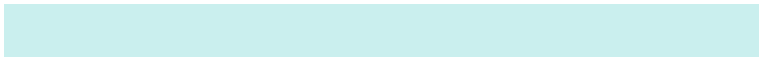
80.6394, 0.3137, 0.3091



80.6394, 0.3356, 0.3268



80.6394, 0.3112, 0.3501



80.6394, 0.2903, 0.3306

Sweetspot

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



80.6429, 0.3137, 0.3091



96.7879, 0.3130, 0.3242



77.2177, 0.3001, 0.3082



20.7502, 0.3129, 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.



80.6429, 0.3137, 0.3091



84.7897, 0.3139, 0.3044



80.0487, 0.3202, 0.3189



16.7672, 0.3139, 0.3058



13.9806, 0.3218, 0.1547



1.2291, 0.3217, 0.1546

Inverse Universe

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



80.6429, 0.3137, 0.3091



84.7897, 0.3139, 0.3044



88.1567, 0.3059, 0.3393



16.7672, 0.3139, 0.3058



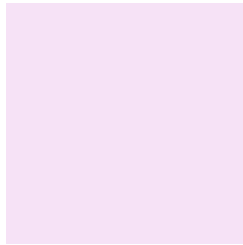
13.9806, 0.3218, 0.1547



1.2291, 0.3217, 0.1546

Previews

White Background



This preview shows how the Yxy color 80.6394, 0.3137, 0.3091 looks on a white background.

Color Contrast Check

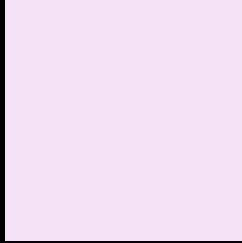
Large Text (above 18pt) WCAG AA × Fail

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 80.6394, 0.3137, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

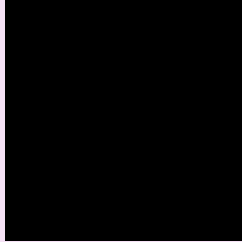
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

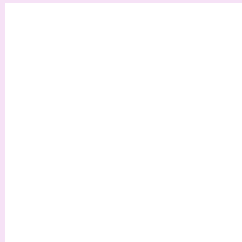
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.6394, 0.3137, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 80.6394, 0.3137, 0.3091.



This preview shows how white text looks on a background with the Yxy color 80.6394, 0.3137, 0.3091.

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

80.6394, 0.3137, 0.3091

Protanopia

80.9803, 0.3016, 0.3106

Deuteranopia

80.4607, 0.3151, 0.3081



Tritanopia

80.5172, 0.3149, 0.3110

Trichromacy



Original Color

80.6394, 0.3137, 0.3091

Protanomaly

80.6488, 0.3055, 0.3097

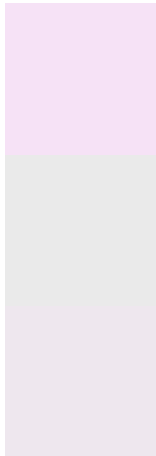
Deuteranomaly

80.2784, 0.3144, 0.3081

Tritanomaly

80.5781, 0.3143, 0.3100

Monochromacy



Original Color

80.6394, 0.3137, 0.3091

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5020, 0.3131, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.6394, 0.3137, 0.3091 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(246, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 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(246, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 246) }
```

Border

The CSS property to change the border of an element to Yxy 80.6394, 0.3137, 0.3091 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(246, 226, 246) }
```

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

```
.border{ border-color:rgb(246, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 226,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 80.6394, 0.3137, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 246) }
```

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

```
.background{ background-color: rgb(246,  
226, 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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