

Converting Colors

Yxy(83.6634, 0.3139, 0.3152)

Have a look what the booklet for
Yxy(83.6634, 0.3139, 0.3152)
contains.

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Color

Yxy(83.3372, 0.3140, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	F6E7F5
RGB	246, 231, 245
RGB Percent	96%, 91%, 96%
CMY	0.0355, 0.0940, 0.0392
CMYK	0.00, 0.06, 0.00, 0.04
HSL	304°, 45%, 94%
HSV	304°, 6%, 96%
XYZ	83.0463, 83.3372, 98.0951
YIQ	237.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

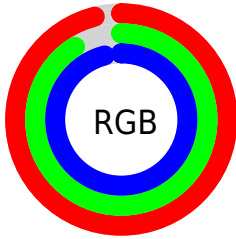
Format	Color
R _Y B	246, 231, 245
Decimal	16181237
CIE Lab	93.16, 7.48, -4.95
CIE LCh	93, 8.970, 326.477
Yxy	83.3372, 0.3140, 0.3151
Android (android.graphics.Color)	4294371317 (0xFF6E7F5)
YUV	237.0810, 3.9041, 7.8220
Hunter-Lab	91.2892, 2.6263, 0.1922

Details

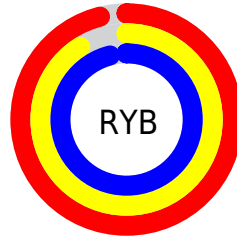
The Yxy color **83.3372, 0.3140, 0.3151** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.6899, 0.3114, 0.3433**, and the grayscale version is **84.7171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.2812, 0.3144, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **70.4317, 0.3163, 0.2916**, and if you desaturate by 10%, it is **97.7884, 0.3120, 0.3372**.

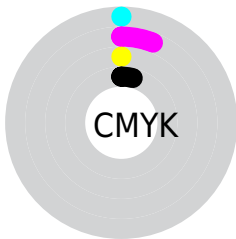
Distribution



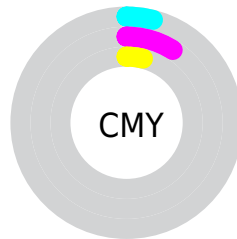
- Red (96%)
- Green (91%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.3372, 0.3140, 0.3151 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 83.3372, 0.3140, 0.3151 by changing the saturation by 10% instead.


 83.3372, 0.3140,
0.3151

 83.3372, 0.3140,
0.3151


506.1096, 0.3135,
0.3213

 62.4684, 0.3141,
0.3137


138.0476, 0.3138,
0.3172

 45.4113, 0.3143,
0.3121


172.6580, 0.3137,
0.3181

 31.7815, 0.3144,
0.3100


212.6177, 0.3137,
0.3188

 21.1946, 0.3146,
0.3073

258.3111, 0.3136,
0.3194

 13.2664, 0.3149,
0.3038

310.1226, 0.3136,
0.3200

 7.6122, 0.3152,
0.2989

368.4366, 0.3135,

 3.8478, 0.3157,

0.3205

0.2916

433.6375, 0.3135,
0.3209

■ 1.5888, 0.3163,
0.2798

■ 0.3500, 0.3235,
0.2198

■ 83.3372, 0.3140,
0.3151

■ 83.3372, 0.3140,
0.3151

■ 70.4317, 0.3163,
0.2916

■ 97.7884, 0.3120,
0.3372

■ 59.3775, 0.3188,
0.2678

■ 97.8837, 0.3111,
0.3357

■ 50.0924, 0.3215,
0.2445

■ 97.9798, 0.3102,
0.3342

■ 42.4838, 0.3243,
0.2226

■ 98.0766, 0.3093,
0.3327

■ 36.4507, 0.3271,
0.2032

■ 98.1743, 0.3084,
0.3312

■ 31.8813, 0.3298,
0.1870

■ 98.2727, 0.3076,
0.3297

■ 28.6490, 0.3324,
0.1750

■ 98.3212, 0.3071,
0.3290

■ 26.6060, 0.3347,
0.1673

■ 25.5687, 0.3368,
0.1639

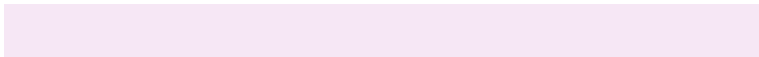
Harmonies

Analogous

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



83.3372, 0.3038, 0.3116



83.3372, 0.3140, 0.3151



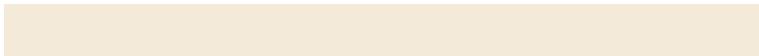
83.3372, 0.3240, 0.3221

Triad

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



83.3372, 0.3140, 0.3151



83.3372, 0.3295, 0.3455



83.3372, 0.2948, 0.3265

Complementary

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



83.3372, 0.3140, 0.3151



88.6899, 0.3114, 0.3433

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.



83.3372, 0.3014, 0.3360



83.3372, 0.3140, 0.3151



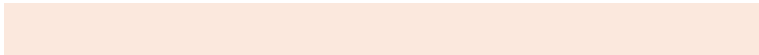
83.3372, 0.3215, 0.3470

Square

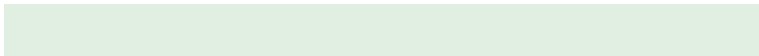
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3372, 0.3140, 0.3151



83.3372, 0.3330, 0.3396



83.3372, 0.3112, 0.3435



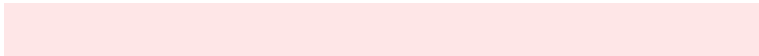
83.3372, 0.2928, 0.3180

Rectangle

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



83.3372, 0.3140, 0.3151



83.3372, 0.3292, 0.3280



83.3372, 0.3112, 0.3435



83.3372, 0.2965, 0.3297

Sweetspot

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



83.3408, 0.3140, 0.3151



96.7685, 0.3131, 0.3244



80.9345, 0.3040, 0.3137



20.7463, 0.3131, 0.3247



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.



83.3408, 0.3140, 0.3151



89.0635, 0.3142, 0.3129



82.9056, 0.3186, 0.3223



17.2897, 0.3143, 0.3116



13.5330, 0.3373, 0.1632



1.1948, 0.3350, 0.1619

Inverse Universe

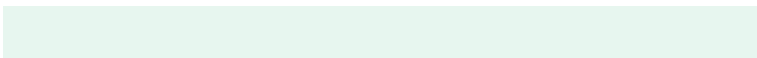
The Inverse Universe completely reimagines the original color for something new.



83.3408, 0.3140, 0.3151



89.0635, 0.3142, 0.3129



89.1113, 0.3072, 0.3358



17.2897, 0.3143, 0.3116



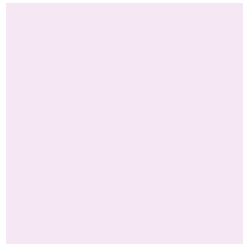
13.5330, 0.3373, 0.1632



1.1948, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 83.3372, 0.3140, 0.3151 looks on a white background.

Color Contrast Check

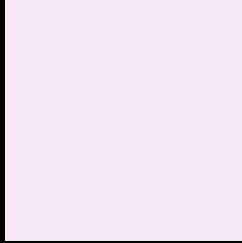
Large Text (above 18pt) WCAG AA × Fail

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 83.3372, 0.3140, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

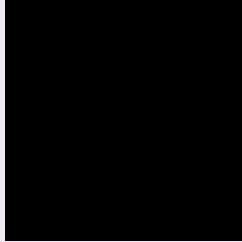
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

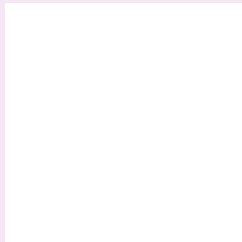
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.3372, 0.3140, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 83.3372, 0.3140, 0.3151.

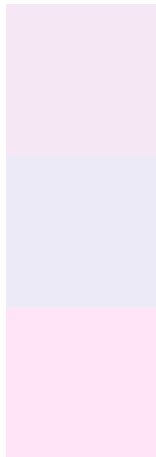


This preview shows how white text looks on a background with the Yxy color 83.3372, 0.3140, 0.3151.

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

83.3372, 0.3140, 0.3151

Protanopia

83.3939, 0.3060, 0.3158

Deuteranopia

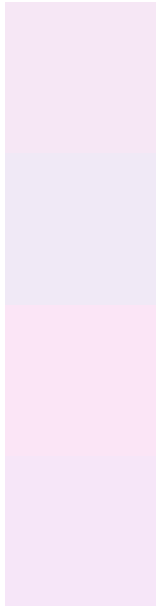
83.2115, 0.3190, 0.3114



Tritanopia

83.0260, 0.3116, 0.3102

Trichromacy



Original Color

83.3372, 0.3140, 0.3151

Protanomaly

83.4569, 0.3093, 0.3159

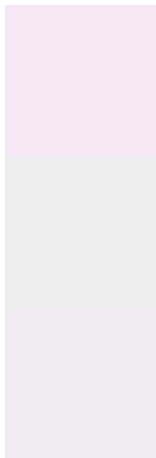
Deuteranomaly

83.2017, 0.3169, 0.3123

Tritanomaly

82.9638, 0.3122, 0.3111

Monochromacy



Original Color

83.3372, 0.3140, 0.3151

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.2332, 0.3130, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.3372, 0.3140, 0.3151 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, 231, 245)` looks like.

```
.text, #text, p{  
    color:rgb(246, 231, 245)  
}
```

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, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 245) }
```

Border

The CSS property to change the border of an element to Yxy 83.3372, 0.3140, 0.3151 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, 231, 245) }
```

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

```
.border{ border-color:rgb(246, 231, 245) }
```

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

Here you see how a box with a 4 pixel rgb(246, 231, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 83.3372, 0.3140, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 231, 245) }
```

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

```
.background{ background-color: rgb(246,  
231, 245) }
```

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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