

Converting Colors

$Y_{xy}(83.7642, 0.3110, 0.3139)$

Have a look what the booklet for
Yxy(83.7642, 0.3110, 0.3139)
contains.

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Color

Yxy(83.6617, 0.3114, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	F4E8F7
RGB	244, 232, 247
RGB Percent	96%, 91%, 97%
CMY	0.0432, 0.0901, 0.0315
CMYK	0.01, 0.06, 0.00, 0.03
HSL	288°, 48%, 94%
HSV	288°, 6%, 97%
XYZ	82.9425, 83.6617, 99.7495
YIQ	237.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

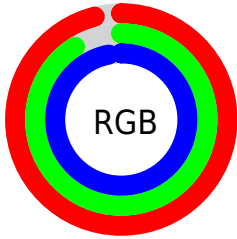
Format	Color
R_{YB}	244, 232, 247
Decimal	16050423
CIE _{Lab}	93.30, 6.67, -5.79
CIE _{LCh}	93, 8.831, 319.036
Yxy	83.6617, 0.3114, 0.3141
Android (android.graphics.Color)	4294240503 (0xFF4E8F7)
YUV	237.2980, 4.7831, 5.8777
Hunter-Lab	91.4668, 1.7979, -0.6322

Details

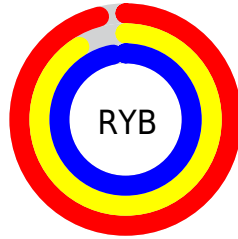
The Yxy color **83.6617, 0.3114, 0.3141** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.9974, 0.3139, 0.3442**, and the grayscale version is **84.8895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.5036, 0.3110, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **69.8490, 0.3088, 0.2885**, and if you desaturate by 10%, it is **98.3601, 0.3136, 0.3368**.

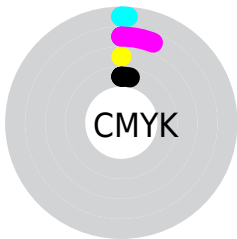
Distribution



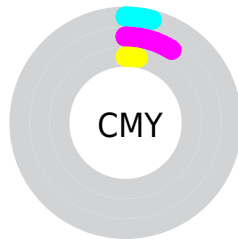
- Red (96%)
- Green (91%)
- Blue (97%)



- Red (96%)
- Yellow (91%)
- Blue (97%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.6617, 0.3114, 0.3141 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 83.6617, 0.3114, 0.3141 by changing the saturation by 10% instead.


 83.6617, 0.3114,
0.3141

 83.6617, 0.3114,
0.3141


507.1892, 0.3120,
0.3208

 62.7362, 0.3113,
0.3126


138.5018, 0.3116,
0.3164

 45.6278, 0.3111,
0.3108


173.1852, 0.3117,
0.3173

 31.9522, 0.3108,
0.3086


213.2234, 0.3118,
0.3180

 21.3250, 0.3105,
0.3058

259.0007, 0.3118,
0.3187

 13.3618, 0.3101,
0.3020

310.9015, 0.3119,
0.3193

 7.6781, 0.3095,
0.2968

369.3103, 0.3119,

 3.8897, 0.3085,

0.3199

0.2890

434.6114, 0.3120,
0.3203

■ 1.6121, 0.3067,
0.2765

■ 0.3657, 0.3040,
0.2178

■ 83.6617, 0.3114,
0.3141

■ 83.6617, 0.3114,
0.3141

■ 69.8490, 0.3088,
0.2885

■ 98.3601, 0.3136,
0.3368

■ 57.9291, 0.3057,
0.2620

■ 99.2821, 0.3167,
0.3367

■ 47.8187, 0.3020,
0.2354

■ 99.4937, 0.3174,
0.3367

■ 39.4241, 0.2978,
0.2096

■ 32.6431, 0.2930,
0.1858

■ 27.3626, 0.2879,
0.1650

■ 23.4545, 0.2825,
0.1481

■ 20.7691, 0.2771,
0.1358

■ 19.1208, 0.2718,
0.1282

Harmonies

Analogous

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



83.6617, 0.3017, 0.3117



83.6617, 0.3114, 0.3141



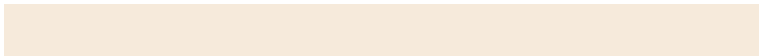
83.6617, 0.3215, 0.3203

Triad

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



83.6617, 0.3114, 0.3141



83.6617, 0.3306, 0.3441



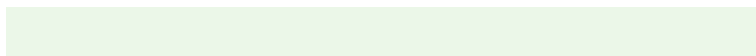
83.6617, 0.2963, 0.3289

Complementary

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



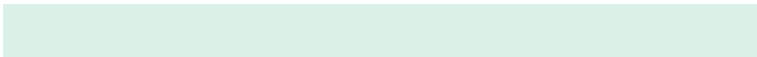
83.6617, 0.3114, 0.3141



89.9974, 0.3139, 0.3442

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.



83.6617, 0.3038, 0.3380



83.6617, 0.3114, 0.3141



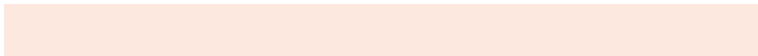
83.6617, 0.3236, 0.3468

Square

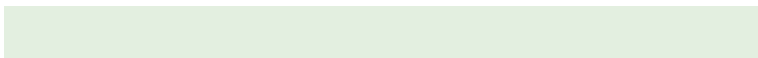
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6617, 0.3114, 0.3141



83.6617, 0.3327, 0.3375



83.6617, 0.3138, 0.3446



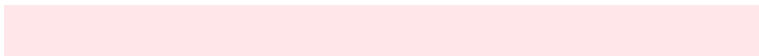
83.6617, 0.2931, 0.3201

Rectangle

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



83.6617, 0.3114, 0.3141



83.6617, 0.3272, 0.3258



83.6617, 0.3138, 0.3446



83.6617, 0.2984, 0.3320

Sweetspot

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



83.6653, 0.3114, 0.3141



96.5956, 0.3123, 0.3241



83.4371, 0.3034, 0.3171



20.7111, 0.3123, 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.



83.6653, 0.3114, 0.3141



88.4625, 0.3112, 0.3117



83.9476, 0.3161, 0.3184



17.1624, 0.3110, 0.3103



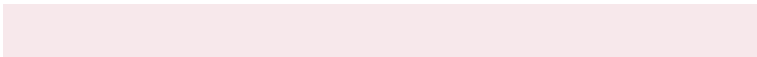
9.9235, 0.2706, 0.1264



0.9138, 0.2772, 0.1301

Inverse Universe

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



83.4916, 0.3210, 0.3260



88.2500, 0.3224, 0.3255



89.7348, 0.3095, 0.3399



17.1178, 0.3233, 0.3252



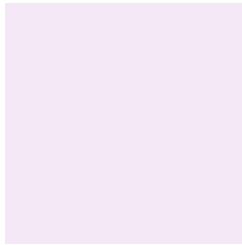
10.5936, 0.6074, 0.3120



0.9451, 0.5742, 0.2937

Previews

White Background



This preview shows how the Yxy color 83.6617, 0.3114, 0.3141 looks on a white background.

Color Contrast Check

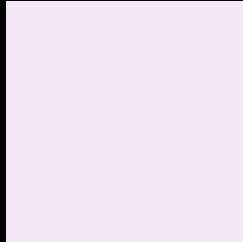
Large Text (above 18pt) WCAG AA × Fail

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 83.6617, 0.3114, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

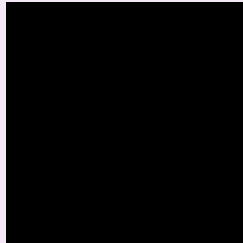
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

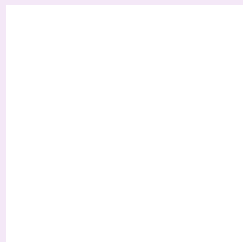
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.6617, 0.3114, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 83.6617, 0.3114, 0.3141.



This preview shows how white text looks on a background with the Yxy color 83.6617, 0.3114, 0.3141.

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

83.6617, 0.3114, 0.3141

Protanopia

83.4558, 0.3054, 0.3149

Deuteranopia

83.6986, 0.3170, 0.3104



Tritanopia

83.8484, 0.3095, 0.3111

Trichromacy



Original Color

83.6617, 0.3114, 0.3141

Protanomaly

83.4059, 0.3074, 0.3139

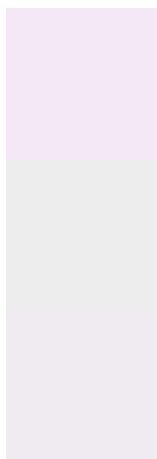
Deuteranomaly

83.6949, 0.3149, 0.3113

Tritanomaly

83.7859, 0.3102, 0.3121

Monochromacy



Original Color

83.6617, 0.3114, 0.3141

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.2928, 0.3123, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.6617, 0.3114, 0.3141 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, 232, 247)` looks like.

```
.text, #text, p{  
    color:rgb(244, 232, 247)  
}
```

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, 232, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 232, 247) }
```

Border

The CSS property to change the border of an element to Yxy 83.6617, 0.3114, 0.3141 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, 232, 247) }
```

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

```
.border{ border-color:rgb(244, 232, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 232, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 232, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 232, 247);  
box-shadow:4px 4px 4px 4px rgb(244, 232,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 83.6617, 0.3114, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 232, 247) }
```

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

```
.background{ background-color: rgb(244,  
232, 247) }
```

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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