

Converting Colors

$Y_{xy}(82.9755, 0.3140, 0.3125)$

Have a look what the booklet for
Yxy(82.9755, 0.3140, 0.3125)
contains.

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Color

Yxy(83.0216, 0.3141, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	F7E6F6
RGB	247, 230, 246
RGB Percent	97%, 90%, 96%
CMY	0.0315, 0.0980, 0.0352
CMYK	0.00, 0.07, 0.00, 0.03
HSL	303°, 51%, 94%
HSV	303°, 7%, 97%
XYZ	83.2868, 83.0216, 98.8517
YIQ	236.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

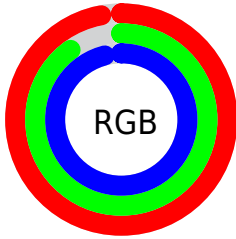
Format	Color
R _Y B	247, 230, 246
Decimal	16246518
CIE Lab	93.02, 8.53, -5.69
CIE LCh	93, 10.255, 326.319
Yxy	83.0216, 0.3141, 0.3131
Android (android.graphics.Color)	4294436598 (0xFF7E6F6)
YUV	236.9070, 4.4828, 8.8516
Hunter-Lab	91.1162, 3.7085, -0.5422

Details

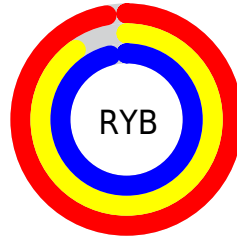
The Yxy color **83.0216, 0.3141, 0.3131** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.0984, 0.3113, 0.3454**, and the grayscale version is **84.5763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4540, 0.3145, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **70.1545, 0.3163, 0.2893**, and if you desaturate by 10%, it is **97.8440, 0.3121, 0.3361**.

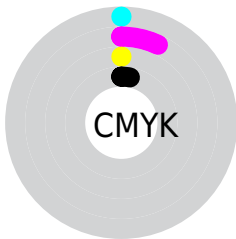
Distribution



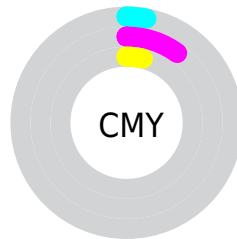
- Red (97%)
- Green (90%)
- Blue (96%)



- Red (97%)
- Yellow (90%)
- Blue (96%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0216, 0.3141, 0.3131 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 83.0216, 0.3141, 0.3131 by changing the saturation by 10% instead.

 83.0216, 0.3141,
0.3131

 83.0216, 0.3141,
0.3131


505.0585, 0.3135,
0.3202

 62.2080, 0.3142,
0.3115


137.6057, 0.3139,
0.3155

 45.2008, 0.3144,
0.3096


172.1450, 0.3138,
0.3165

 31.6156, 0.3145,
0.3073

212.0283, 0.3138,
0.3173

 21.0681, 0.3147,
0.3042

257.6399, 0.3137,
0.3180

 13.1738, 0.3150,
0.3002

309.3644, 0.3136,
0.3187

 7.5483, 0.3154,
0.2946

367.5861, 0.3136,

 3.8073, 0.3158,

0.3192

0.2864

432.6893, 0.3136,
0.3197

■ 1.5664, 0.3163,
0.2730

■ 0.3348, 0.3243,
0.2062

■ 83.0216, 0.3141,
0.3131

■ 83.0216, 0.3141,
0.3131

■ 70.1545, 0.3163,
0.2893

■ 97.8440, 0.3121,
0.3361

■ 59.1503, 0.3186,
0.2654

■ 98.1153, 0.3113,
0.3350

■ 49.9256, 0.3211,
0.2421

■ 98.2009, 0.3105,
0.3337

■ 42.3862, 0.3237,
0.2202

■ 98.2872, 0.3098,
0.3324

■ 36.4292, 0.3263,
0.2009

■ 98.3740, 0.3090,
0.3310

■ 31.9407, 0.3288,
0.1850

■ 98.4615, 0.3082,
0.3297

■ 28.7913, 0.3311,
0.1733

■ 98.5099, 0.3078,
0.3290

■ 26.8293, 0.3332,
0.1659

■ 25.8620, 0.3350,
0.1627

Harmonies

Analogous

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



83.0216, 0.3024, 0.3091



83.0216, 0.3141, 0.3131



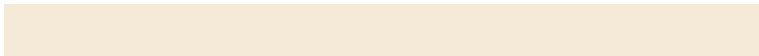
83.0216, 0.3256, 0.3211

Triad

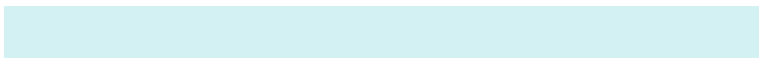
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0216, 0.3141, 0.3131



83.0216, 0.3320, 0.3478



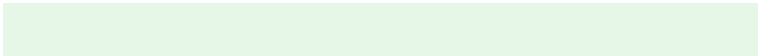
83.0216, 0.2922, 0.3262

Complementary

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



83.0216, 0.3141, 0.3131



89.0984, 0.3113, 0.3454

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.



83.0216, 0.2999, 0.3370



83.0216, 0.3141, 0.3131



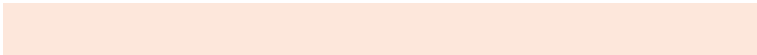
83.0216, 0.3228, 0.3497

Square

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



83.0216, 0.3141, 0.3131



83.0216, 0.3360, 0.3410



83.0216, 0.3110, 0.3457



83.0216, 0.2900, 0.3164

Rectangle

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



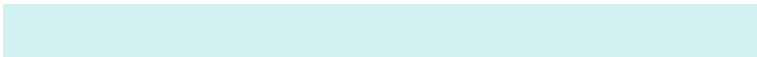
83.0216, 0.3141, 0.3131



83.0216, 0.3315, 0.3278



83.0216, 0.3110, 0.3457



83.0216, 0.2942, 0.3299

Sweetspot

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



83.0252, 0.3141, 0.3131



96.7709, 0.3131, 0.3244



80.2786, 0.3027, 0.3116



20.7468, 0.3131, 0.3246



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.



83.0252, 0.3141, 0.3131



87.5953, 0.3143, 0.3104



82.5213, 0.3195, 0.3214



16.7515, 0.3147, 0.3070



13.5859, 0.3353, 0.1621



1.1988, 0.3333, 0.1610

Inverse Universe

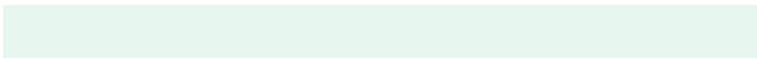
The Inverse Universe completely reimagines the original color for something new.



83.0252, 0.3141, 0.3131



87.5953, 0.3143, 0.3104



89.5839, 0.3064, 0.3367



16.7515, 0.3147, 0.3070



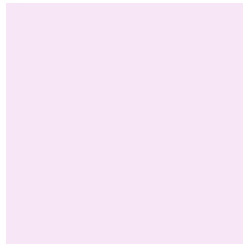
13.5859, 0.3353, 0.1621



1.1988, 0.3333, 0.1610

Previews

White Background



This preview shows how the Yxy color 83.0216, 0.3141, 0.3131 looks on a white background.

Color Contrast Check

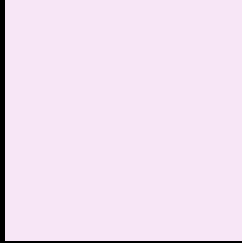
Large Text (above 18pt) WCAG AA × Fail

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 83.0216, 0.3141, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

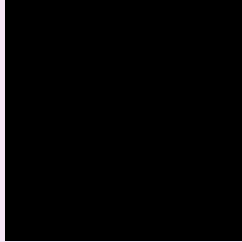
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

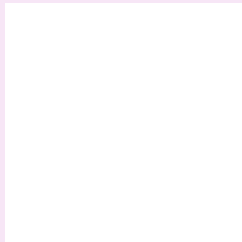
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0216, 0.3141, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 83.0216, 0.3141, 0.3131.



This preview shows how white text looks on a background with the Yxy color 83.0216, 0.3141, 0.3131.

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

83.0216, 0.3141, 0.3131

Protanopia

83.2851, 0.3048, 0.3148

Deuteranopia

83.0233, 0.3183, 0.3114



Tritanopia

83.1451, 0.3129, 0.3112

Trichromacy



Original Color

83.0216, 0.3141, 0.3131

Protanomaly

83.3439, 0.3080, 0.3149

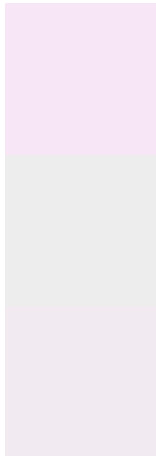
Deuteranomaly

83.2017, 0.3169, 0.3123

Tritanomaly

83.0832, 0.3135, 0.3122

Monochromacy



Original Color

83.0216, 0.3141, 0.3131

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.8377, 0.3137, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0216, 0.3141, 0.3131 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(247, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 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(247, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 246) }
```

Border

The CSS property to change the border of an element to Yxy 83.0216, 0.3141, 0.3131 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(247, 230, 246) }
```

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

```
.border{ border-color:rgb(247, 230, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0216, 0.3141, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 246) }
```

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

```
.background{ background-color: rgb(247,  
230, 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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