

Converting Colors

Yxy(83.0399, 0.3116, 0.3105)

Have a look what the booklet for
Yxy(83.0399, 0.3116, 0.3105)
contains.

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Color

Yxy(83.0260, 0.3116, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	F6E6F9
RGB	246, 230, 249
RGB Percent	96%, 90%, 98%
CMY	0.0352, 0.0980, 0.0236
CMYK	0.01, 0.08, 0.00, 0.02
HSL	291°, 61%, 94%
HSV	291°, 8%, 98%
XYZ	83.4007, 83.0260, 101.2264
YIQ	236.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

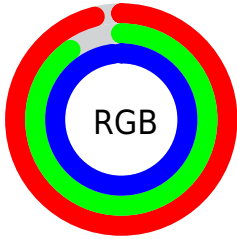
Format	Color
R _Y B	246, 230, 249
Decimal	16180985
CIE Lab	93.03, 8.74, -7.22
CIE LCh	93, 11.340, 320.442
Yxy	83.0260, 0.3116, 0.3102
Android (android.graphics.Color)	4294371065 (0xFF6E6F9)
YUV	236.9500, 5.9407, 7.9369
Hunter-Lab	91.1186, 3.9232, -2.0840

Details

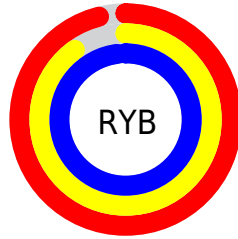
The Yxy color **83.0260, 0.3116, 0.3102** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.7634, 0.3137, 0.3483**, and the grayscale version is **84.6014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4573, 0.3112, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **69.4528, 0.3098, 0.2845**, and if you desaturate by 10%, it is **98.6000, 0.3130, 0.3347**.

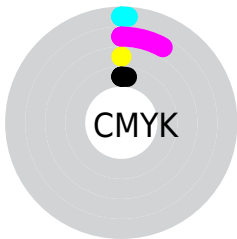
Distribution



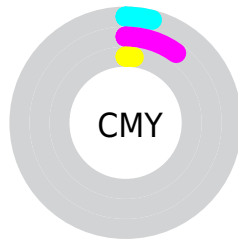
- Red (96%)
- Green (90%)
- Blue (98%)



- Red (96%)
- Yellow (90%)
- Blue (98%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)




- Cyan (4%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0260, 0.3116, 0.3102 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 83.0260, 0.3116, 0.3102 by changing the saturation by 10% instead.


 83.0260, 0.3116,
0.3102

 83.0260, 0.3116,
0.3102

505.0732, 0.3122,
0.3186

 62.2116, 0.3115,
0.3084


137.6119, 0.3118,
0.3131

 45.2037, 0.3113,
0.3061


172.1521, 0.3119,
0.3142

 31.6179, 0.3111,
0.3033

212.0365, 0.3119,
0.3152

 21.0698, 0.3108,
0.2998

257.6493, 0.3120,
0.3160

 13.1750, 0.3103,
0.2950

309.3750, 0.3120,
0.3168

 7.5492, 0.3097,
0.2885

367.5979, 0.3121,

 3.8079, 0.3087,

0.3174

0.2789

432.7025, 0.3121,
0.3180

■ 1.5667, 0.3067,
0.2635

■ 0.3350, 0.3063,
0.1929

■ 83.0260, 0.3116,
0.3102

■ 83.0260, 0.3116,
0.3102

■ 69.4528, 0.3098,
0.2845

■ 98.6000, 0.3130,
0.3347

■ 57.7861, 0.3075,
0.2583

■ 99.3863, 0.3154,
0.3348

■ 47.9401, 0.3049,
0.2323

■ 99.6177, 0.3162,
0.3348

■ 39.8179, 0.3017,
0.2074

■ 33.3140, 0.2982,
0.1848

■ 28.3109, 0.2943,
0.1655

■ 24.6752, 0.2903,
0.1503

■ 22.2499, 0.2861,
0.1396

■ 20.8270, 0.2820,
0.1334

Harmonies

Analogous

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



83.0260, 0.2991, 0.3069



83.0260, 0.3116, 0.3102



83.0260, 0.3246, 0.3183

Triad

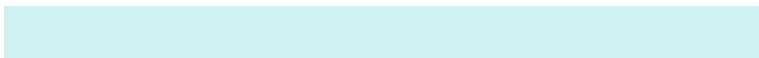
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0260, 0.3116, 0.3102



83.0260, 0.3354, 0.3487



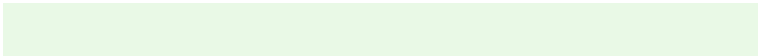
83.0260, 0.2913, 0.3282

Complementary

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



83.0260, 0.3116, 0.3102



90.7634, 0.3137, 0.3483

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.



83.0260, 0.3007, 0.3401



83.0260, 0.3116, 0.3102



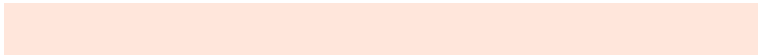
83.0260, 0.3262, 0.3520

Square

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



83.0260, 0.3116, 0.3102



83.0260, 0.3386, 0.3403



83.0260, 0.3134, 0.3489



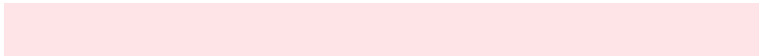
83.0260, 0.2876, 0.3169

Rectangle

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



83.0260, 0.3116, 0.3102



83.0260, 0.3318, 0.3254



83.0260, 0.3134, 0.3489



83.0260, 0.2939, 0.3323

Sweetspot

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



83.0296, 0.3116, 0.3102



96.6386, 0.3124, 0.3241



82.0336, 0.3009, 0.3128



20.7198, 0.3125, 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.



83.0296, 0.3116, 0.3102



85.5491, 0.3114, 0.3067



83.1807, 0.3176, 0.3165



17.3795, 0.3113, 0.3055



11.0608, 0.2817, 0.1326



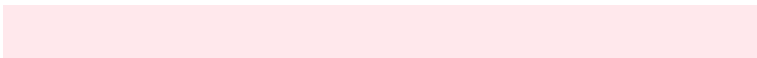
1.0601, 0.2867, 0.1353

Inverse Universe

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



82.6119, 0.3239, 0.3261



85.0359, 0.3261, 0.3255



90.6317, 0.3081, 0.3419



17.2693, 0.3269, 0.3253



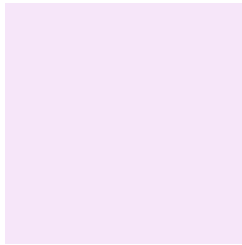
10.8713, 0.6184, 0.3180



1.0194, 0.5895, 0.3021

Previews

White Background



This preview shows how the Yxy color 83.0260, 0.3116, 0.3102 looks on a white background.

Color Contrast Check

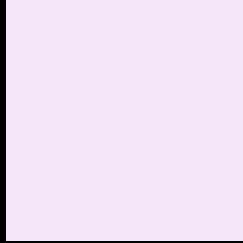
Large Text (above 18pt) WCAG AA × Fail

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 83.0260, 0.3116, 0.3102 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

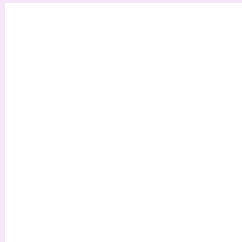
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0260, 0.3116, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 83.0260, 0.3116, 0.3102.



This preview shows how white text looks on a background with the Yxy color 83.0260, 0.3116, 0.3102.

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

83.0260, 0.3116, 0.3102

Protanopia

83.3031, 0.3023, 0.3118

Deuteranopia

82.8356, 0.3150, 0.3084



Tritanopia

82.9638, 0.3122, 0.3111

Trichromacy



Original Color

83.0260, 0.3116, 0.3102

Protanomaly

83.3571, 0.3055, 0.3119

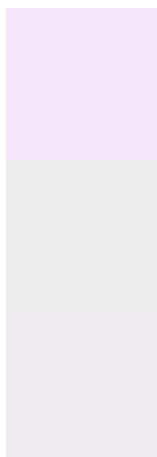
Deuteranomaly

83.0179, 0.3136, 0.3093

Tritanomaly

82.9638, 0.3122, 0.3111

Monochromacy



Original Color

83.0260, 0.3116, 0.3102

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.7218, 0.3124, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0260, 0.3116, 0.3102 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, 230, 249)` looks like.

```
.text, #text, p{  
    color:rgb(246, 230, 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(246, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 249) }
```

Border

The CSS property to change the border of an element to Yxy 83.0260, 0.3116, 0.3102 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, 230, 249) }
```

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

```
.border{ border-color:rgb(246, 230, 249) }
```

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

Here you see how a box with a 4 pixel rgb(246, 230, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 230, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 230, 249);  
box-shadow:4px 4px 4px 4px rgb(246, 230,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0260, 0.3116, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 230, 249) }
```

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

```
.background{ background-color: rgb(246,  
230, 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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