

Converting Colors

$Y_{xy}(81.5299, 0.3190, 0.3065)$

Have a look what the booklet for
Yxy(81.5299, 0.3190, 0.3065)
contains.

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Color

Yxy(81.2867, 0.3193, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F7
RGB	255, 224, 247
RGB Percent	100%, 88%, 97%
CMY	0.0001, 0.1215, 0.0313
CMYK	0.00, 0.12, 0.03, 0.00
HSL	315°, 100%, 94%
HSV	315°, 12%, 100%
XYZ	84.6814, 81.2867, 99.2414
YIQ	235.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

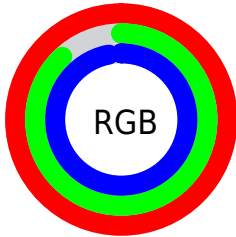
Format	Color
R _Y B	255, 224, 247
Decimal	16769271
CIE Lab	92.26, 14.49, -7.26
CIE LCh	92, 16.203, 333.382
Yxy	81.2867, 0.3193, 0.3065
Android (android.graphics.Color)	4294959351 (0xFFFFE0F7)
YUV	235.8910, 5.4767, 16.7586
Hunter-Lab	90.1591, 9.8765, -2.1512

Details

The Yxy color **81.2867, 0.3193, 0.3065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.1810, 0.3067, 0.3526**, and the grayscale version is **83.7456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1433, 0.3203, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **68.1987, 0.3257, 0.2872**, and if you desaturate by 10%, it is **96.4511, 0.3138, 0.3251**.

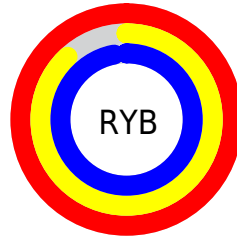
Distribution



Red (100%)

Green (88%)

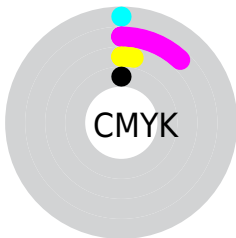
Blue (97%)



Red (100%)

Yellow (88%)

Blue (97%)

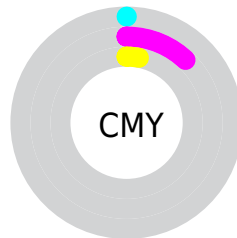


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2867, 0.3193, 0.3065 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 81.2867, 0.3193, 0.3065 by changing the saturation by 10% instead.


 81.2867, 0.3193,
0.3065

 81.2867, 0.3193,
0.3065


499.2586, 0.3164,
0.3165

 60.7778, 0.3199,
0.3043


135.1733, 0.3183,
0.3099

 44.0458, 0.3207,
0.3016


169.3197, 0.3179,
0.3113

 30.7065, 0.3216,
0.2983


208.7807, 0.3176,
0.3124

 20.3755, 0.3228,
0.2940

253.9407, 0.3173,
0.3134

 12.6683, 0.3244,
0.2884

305.1841, 0.3170,
0.3143

 7.2005, 0.3265,
0.2807

362.8953, 0.3168,

 3.5878, 0.3295,

0.3152

0.2693

427.4586, 0.3166,
0.3159

■ 1.4458, 0.3343,
0.2511

■ 0.2501, 0.3647,
0.1543

■ 81.2867, 0.3193,
0.3065

■ 81.2867, 0.3193,
0.3065

■ 68.1987, 0.3257,
0.2872

■ 96.4511, 0.3138,
0.3251

■ 57.0852, 0.3332,
0.2678

99.9963, 0.3127,
0.3290

■ 47.8515, 0.3416,
0.2489

■ 40.3910, 0.3509,
0.2315

■ 34.5864, 0.3610,
0.2166

■ 30.3061, 0.3715,
0.2053

■ 27.3986, 0.3822,
0.1985

■ 25.6807, 0.3926,
0.1966

■ 24.9513, 0.4006,
0.1980

Harmonies

Analogous

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



81.2867, 0.3004, 0.2986



81.2867, 0.3193, 0.3065



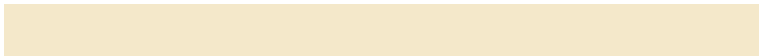
81.2867, 0.3369, 0.3200

Triad

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



81.2867, 0.3193, 0.3065



81.2867, 0.3405, 0.3605



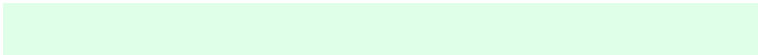
81.2867, 0.2787, 0.3202

Complementary

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



81.2867, 0.3193, 0.3065



93.1810, 0.3067, 0.3526

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.



81.2867, 0.2888, 0.3378



81.2867, 0.3193, 0.3065



81.2867, 0.3243, 0.3616

Square

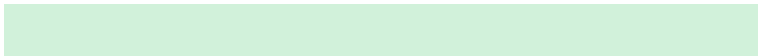
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2867, 0.3193, 0.3065



81.2867, 0.3493, 0.3509



81.2867, 0.3054, 0.3532



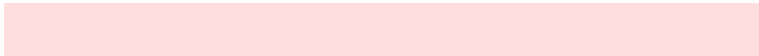
81.2867, 0.2774, 0.3059

Rectangle

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



81.2867, 0.3193, 0.3065



81.2867, 0.3453, 0.3306



81.2867, 0.3054, 0.3532



81.2867, 0.2811, 0.3260

Sweetspot

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



81.2902, 0.3193, 0.3065



93.4962, 0.3147, 0.3217



77.6502, 0.2985, 0.2975



19.7585, 0.3151, 0.3204



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.



81.2902, 0.3193, 0.3065



77.3601, 0.3210, 0.3011



80.3855, 0.3295, 0.3214



18.2160, 0.3178, 0.3115



13.0654, 0.3990, 0.1971



1.2899, 0.3880, 0.1911

Inverse Universe

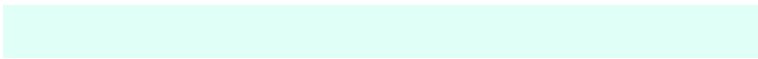
The Inverse Universe completely reimagines the original color for something new.



81.2902, 0.3193, 0.3065



77.3601, 0.3210, 0.3011



94.0868, 0.2983, 0.3368



18.2160, 0.3178, 0.3115



13.0654, 0.3990, 0.1971



1.2899, 0.3880, 0.1911

Previews

White Background



This preview shows how the Yxy color 81.2867, 0.3193, 0.3065 looks on a white background.

Color Contrast Check

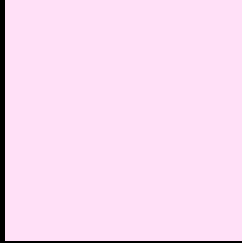
Large Text (above 18pt) WCAG AA × Fail

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 81.2867, 0.3193, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

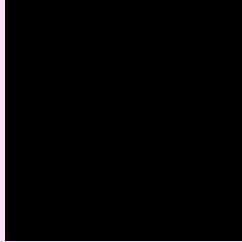
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.2867, 0.3193, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 81.2867, 0.3193, 0.3065.



This preview shows how white text looks on a background with the Yxy color 81.2867, 0.3193, 0.3065.

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

81.2867, 0.3193, 0.3065

Protanopia

81.3359, 0.3004, 0.3077

Deuteranopia

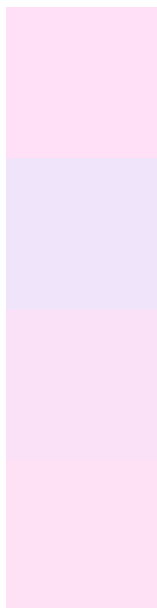
81.2478, 0.3151, 0.3082



Tritanopia

81.3321, 0.3219, 0.3123

Trichromacy



Original Color

81.2867, 0.3193, 0.3065

Protanomaly

80.9142, 0.3070, 0.3069

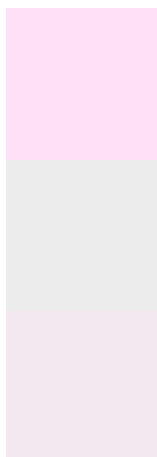
Deuteranomaly

81.0751, 0.3165, 0.3073

Tritanomaly

81.4529, 0.3205, 0.3103

Monochromacy



Original Color

81.2867, 0.3193, 0.3065

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.0592, 0.3151, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2867, 0.3193, 0.3065 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(255, 224, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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(255, 224, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 247) }
```

Border

The CSS property to change the border of an element to Yxy 81.2867, 0.3193, 0.3065 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(255, 224, 247) }
```

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

```
.border{ border-color:rgb(255, 224, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2867, 0.3193, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 247) }
```

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

```
.background{ background-color: rgb(255,  
224, 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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