

Converting Colors

$Y_{xy}(81.7793, 0.3195, 0.3079)$

Have a look what the booklet for
Yxy(81.7793, 0.3195, 0.3079)
contains.

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Color

Yxy(81.8258, 0.3193, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1F7
RGB	255, 225, 247
RGB Percent	100%, 88%, 97%
CMY	0.0000, 0.1177, 0.0314
CMYK	0.00, 0.12, 0.03, 0.00
HSL	316°, 100%, 94%
HSV	316°, 12%, 100%
XYZ	84.9658, 81.8258, 99.3086
YIQ	236.4780, 10.8180, 13.2020

Conversions

Conversions Part 2

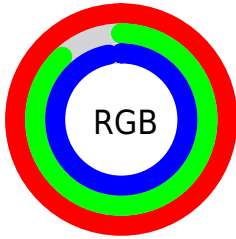
Format	Color
R_{YB}	255, 225, 247
Decimal	16769527
CIE _{Lab}	92.50, 13.99, -6.89
CIE _{LCh}	92, 15.599, 333.781
Yxy	81.8258, 0.3193, 0.3075
Android (android.graphics.Color)	4294959607 (0xFFFFE1F7)
YUV	236.4780, 5.1873, 16.2438
Hunter-Lab	90.4576, 9.3621, -1.7710

Details

The Yxy color **81.8258, 0.3193, 0.3075** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.4087, 0.3067, 0.3515**, and the grayscale version is **84.2136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5168, 0.3202, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **68.6359, 0.3259, 0.2885**, and if you desaturate by 10%, it is **97.0790, 0.3136, 0.3259**.

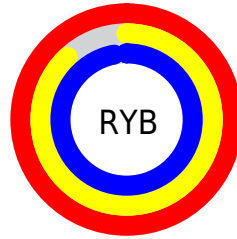
Distribution



Red (100%)

Green (88%)

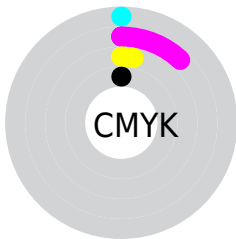
Blue (97%)



Red (100%)

Yellow (88%)

Blue (97%)

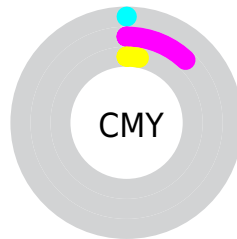


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.8258, 0.3193, 0.3075 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 81.8258, 0.3193, 0.3075 by changing the saturation by 10% instead.


 81.8258, 0.3193,
0.3075

 81.8258, 0.3193,
0.3075


501.0648, 0.3164,
0.3171

 61.2220, 0.3199,
0.3054


135.9297, 0.3183,
0.3108

 44.4043, 0.3207,
0.3028


170.1985, 0.3179,
0.3120

 30.9885, 0.3216,
0.2997


209.7911, 0.3176,
0.3132

 20.5901, 0.3228,
0.2956

255.0919, 0.3173,
0.3141

 12.8247, 0.3244,
0.2903

306.4853, 0.3170,
0.3150

 7.3079, 0.3265,
0.2829

364.3556, 0.3168,

 3.6554, 0.3296,

0.3158

0.2720

429.0874, 0.3166,
0.3165

■ 1.4827, 0.3345,
0.2546

■ 0.2765, 0.3633,
0.1662

■ 81.8258, 0.3193,
0.3075

■ 81.8258, 0.3193,
0.3075

■ 68.6359, 0.3259,
0.2885

■ 97.0790, 0.3136,
0.3259

■ 57.4343, 0.3335,
0.2693

100.0000, 0.3127,
0.3290

■ 48.1179, 0.3422,
0.2506

■ 40.5802, 0.3519,
0.2333

■ 34.7044, 0.3623,
0.2184

■ 30.3594, 0.3733,
0.2071

■ 27.3947, 0.3845,
0.2003

■ 25.6285, 0.3955,
0.1984

■ 24.8480, 0.4042,
0.2000

Harmonies

Analogous

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



81.8258, 0.3011, 0.2998



81.8258, 0.3193, 0.3075



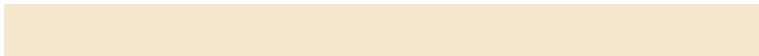
81.8258, 0.3361, 0.3206

Triad

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



81.8258, 0.3193, 0.3075



81.8258, 0.3392, 0.3593



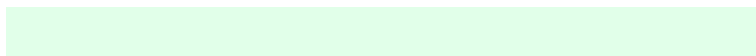
81.8258, 0.2799, 0.3204

Complementary

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



81.8258, 0.3193, 0.3075



93.4087, 0.3067, 0.3515

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.



81.8258, 0.2896, 0.3372



81.8258, 0.3193, 0.3075



81.8258, 0.3237, 0.3602

Square

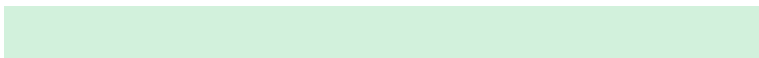
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



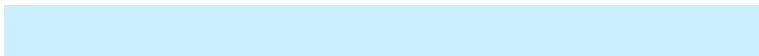
81.8258, 0.3193, 0.3075



81.8258, 0.3478, 0.3502



81.8258, 0.3055, 0.3520



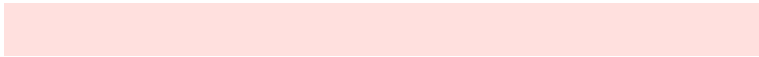
81.8258, 0.2788, 0.3067

Rectangle

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



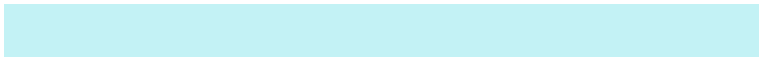
81.8258, 0.3193, 0.3075



81.8258, 0.3441, 0.3308



81.8258, 0.3055, 0.3520



81.8258, 0.2822, 0.3259

Sweetspot

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



81.8204, 0.3193, 0.3075



93.4899, 0.3148, 0.3218



78.3035, 0.2989, 0.2985



19.7569, 0.3152, 0.3205



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

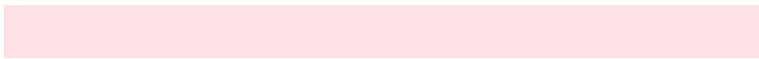
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8204, 0.3193, 0.3075



78.7017, 0.3207, 0.3033



80.9593, 0.3289, 0.3216



18.2128, 0.3179, 0.3117



13.0097, 0.4025, 0.1991



1.2849, 0.3910, 0.1928

Inverse Universe

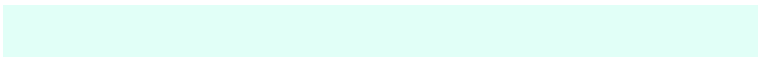
The Inverse Universe completely reimagines the original color for something new.



81.8204, 0.3193, 0.3075



78.7017, 0.3207, 0.3033



94.2721, 0.2987, 0.3365



18.2128, 0.3179, 0.3117



13.0097, 0.4025, 0.1991



1.2849, 0.3910, 0.1928

Previews

White Background



This preview shows how the Yxy color 81.8258, 0.3193, 0.3075 looks on a white background.

Color Contrast Check

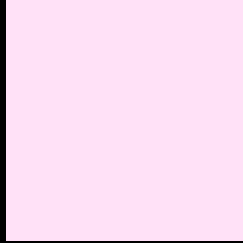
Large Text (above 18pt) WCAG AA × Fail

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 81.8258, 0.3193, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

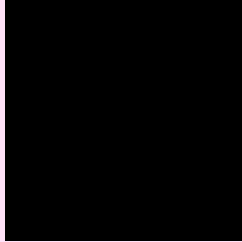
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

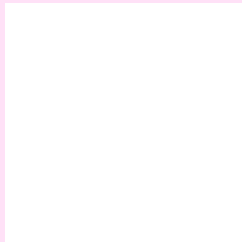
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.8258, 0.3193, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 81.8258, 0.3193, 0.3075.



This preview shows how white text looks on a background with the Yxy color 81.8258, 0.3193, 0.3075.

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

81.8258, 0.3193, 0.3075

Protanopia

82.0019, 0.3017, 0.3097

Deuteranopia

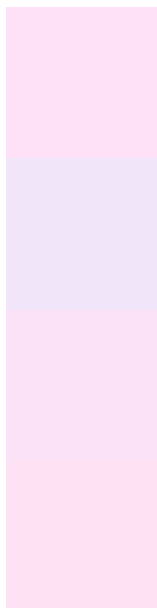
81.9776, 0.3157, 0.3093



Tritanopia

81.9346, 0.3211, 0.3123

Trichromacy



Original Color

81.8258, 0.3193, 0.3075

Protanomaly

81.6415, 0.3076, 0.3080

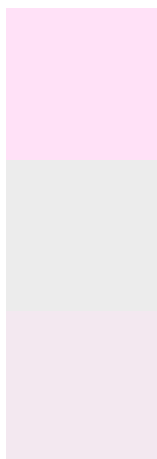
Deuteranomaly

81.8036, 0.3171, 0.3084

Tritanomaly

81.9952, 0.3205, 0.3113

Monochromacy



Original Color

81.8258, 0.3193, 0.3075

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 81.8258, 0.3193, 0.3075 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, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 247) }
```

Border

The CSS property to change the border of an element to Yxy 81.8258, 0.3193, 0.3075 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, 225, 247) }
```

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

```
.border{ border-color:rgb(255, 225, 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, 225, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8258, 0.3193, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 247) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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