

Converting Colors

$Yxy(82.4408, 0.3199, 0.3098)$

Have a look what the booklet for
Yxy(82.4408, 0.3199, 0.3098)
contains.

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Color

Yxy(82.3065, 0.3199, 0.3095)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFE2F6 |
| RGB | 255, 226, 246 |
| RGB Percent | 100%, 89%, 96% |
| CMY | 0.0000, 0.1137, 0.0355 |
| CMYK | 0.00, 0.11, 0.04, 0.00 |
| HSL | 319°, 100%, 94% |
| HSV | 319°, 11%, 100% |
| XYZ | 85.0722, 82.3065, 98.5551 |
| YIQ | 236.9510, 10.8640, 12.3680 |

Conversions

Conversions Part 2

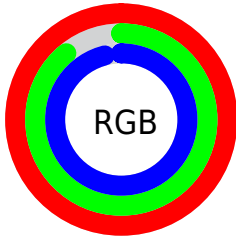
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 226, 246 |
| Decimal | 16769782 |
| CIE Lab | 92.71, 13.28, -6.03 |
| CIE LCh | 93, 14.588, 335.566 |
| Yxy | 82.3065, 0.3199, 0.3095 |
| Android (android.graphics.Color) | 4294959862 (0xFFFE2F6) |
| YUV | 236.9510, 4.4612, 15.8290 |
| Hunter-Lab | 90.7229, 8.6169, -0.9025 |

Details

The Yxy color $82.3065, 0.3199, 0.3095$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93.6899, 0.3062, 0.3493$, and the grayscale version is $84.6035, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.8493, 0.3210, 0.3053$ is the 20% darker color. If you saturate the color by 10%, you get $68.9748, 0.3274, 0.2916$, and if you desaturate by 10%, it is $97.7185, 0.3135, 0.3267$.

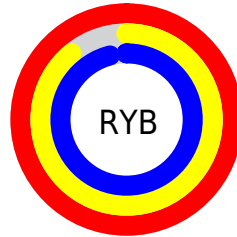
Distribution



Red (100%)

Green (89%)

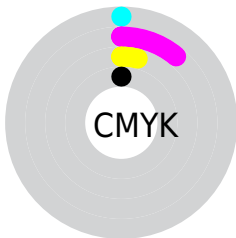
Blue (96%)



Red (100%)

Yellow (89%)

Blue (96%)

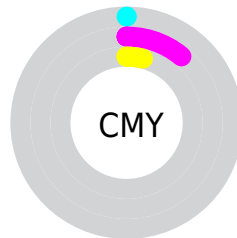


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3065, 0.3199, 0.3095 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 82.3065, 0.3199, 0.3095 by changing the saturation by 10% instead.

 82.3065, 0.3199,
0.3095

 82.3065, 0.3199,
0.3095


502.6723, 0.3167,
0.3182

 61.6182, 0.3206,
0.3076


136.6037, 0.3188,
0.3125

 44.7243, 0.3214,
0.3053


170.9815, 0.3184,
0.3136

 31.2403, 0.3225,
0.3024


210.6911, 0.3180,
0.3146

 20.7819, 0.3238,
0.2987

256.1171, 0.3177,
0.3155

 12.9647, 0.3256,
0.2938

307.6439, 0.3174,
0.3163

 7.4042, 0.3280,
0.2871

365.6557, 0.3172,

 3.7162, 0.3315,

0.3170

0.2772

430.5371, 0.3169,
0.3176

■ 1.5161, 0.3371,
0.2612

■ 0.3000, 0.3676,
0.1810

■ 82.3065, 0.3199,
0.3095

■ 82.3065, 0.3199,
0.3095

■ 68.9748, 0.3274,
0.2916

■ 97.7185, 0.3135,
0.3267

■ 57.6367, 0.3362,
0.2734

100.0000, 0.3127,
0.3290

■ 48.1932, 0.3462,
0.2557

■ 40.5382, 0.3576,
0.2392

■ 34.5551, 0.3700,
0.2250

■ 30.1135, 0.3832,
0.2143

■ 27.0635, 0.3968,
0.2081

■ 25.2250, 0.4102,
0.2069

■ 24.3736, 0.4215,
0.2095

Harmonies

Analogous

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



82.3065, 0.3028, 0.3019



82.3065, 0.3199, 0.3095



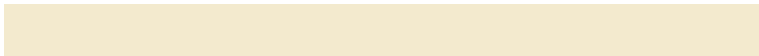
82.3065, 0.3354, 0.3220

Triad

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



82.3065, 0.3199, 0.3095



82.3065, 0.3368, 0.3576



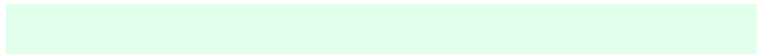
82.3065, 0.2818, 0.3201

Complementary

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



82.3065, 0.3199, 0.3095



93.6899, 0.3062, 0.3493

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.



82.3065, 0.2904, 0.3357



82.3065, 0.3199, 0.3095



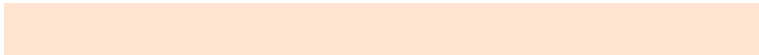
82.3065, 0.3220, 0.3578

Square

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



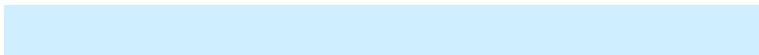
82.3065, 0.3199, 0.3095



82.3065, 0.3452, 0.3495



82.3065, 0.3050, 0.3498



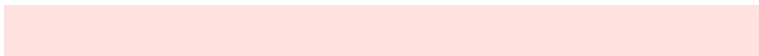
82.3065, 0.2812, 0.3076

Rectangle

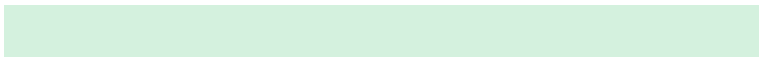
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3065, 0.3199, 0.3095



82.3065, 0.3425, 0.3316



82.3065, 0.3050, 0.3498



82.3065, 0.2838, 0.3252

Sweetspot

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



82.3050, 0.3199, 0.3095



95.0631, 0.3145, 0.3240



79.2253, 0.3004, 0.2997



20.0720, 0.3150, 0.3226



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.



82.3050, 0.3199, 0.3095



78.6032, 0.3217, 0.3048



81.4688, 0.3293, 0.3233



18.1982, 0.3186, 0.3128



12.7639, 0.4194, 0.2084



1.2625, 0.4053, 0.2007

Inverse Universe

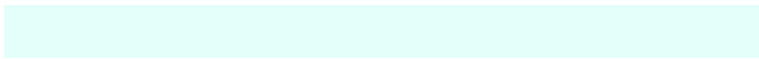
The Inverse Universe completely reimagines the original color for something new.



82.3050, 0.3199, 0.3095



78.6032, 0.3217, 0.3048



94.5412, 0.2984, 0.3348



18.1982, 0.3186, 0.3128



12.7639, 0.4194, 0.2084



1.2625, 0.4053, 0.2007

Previews

White Background



This preview shows how the Yxy color 82.3065, 0.3199, 0.3095 looks on a white background.

Color Contrast Check

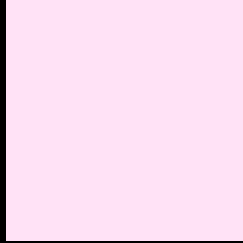
Large Text (above 18pt) WCAG AA × Fail

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 82.3065, 0.3199, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

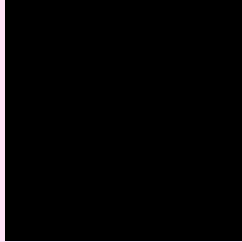
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3065, 0.3199, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 82.3065, 0.3199, 0.3095.



This preview shows how white text looks on a background with the Yxy color 82.3065, 0.3199, 0.3095.

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

82.3065, 0.3199, 0.3095

Protanopia

82.6724, 0.3029, 0.3118

Deuteranopia

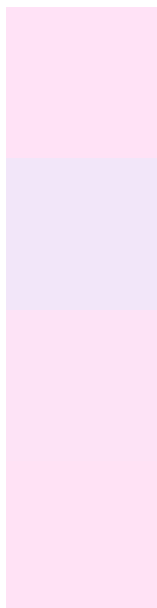
82.2874, 0.3177, 0.3103



Tritanopia

82.1844, 0.3212, 0.3114

Trichromacy



Original Color

82.3065, 0.3199, 0.3095

Protanomaly

82.3104, 0.3089, 0.3100

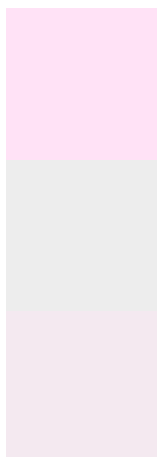
Deuteranomaly

82.4746, 0.3184, 0.3104

Tritanomaly

82.2453, 0.3205, 0.3104

Monochromacy



Original Color

82.3065, 0.3199, 0.3095

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.8022, 0.3157, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3065, 0.3199, 0.3095 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, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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(255, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 246) }
```

Border

The CSS property to change the border of an element to Yxy 82.3065, 0.3199, 0.3095 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, 226, 246) }
```

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

```
.border{ border-color:rgb(255, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3065, 0.3199, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 246) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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