

Converting Colors

$Y_{xy}(114.4589, 0.4071, 0.3142)$

Have a look what the booklet for
Yxy(114.4589, 0.4071, 0.3142)
contains.

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Color

Yxy(81.7642, 0.3199, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1F6
RGB	255, 225, 246
RGB Percent	100%, 88%, 96%
CMY	0.0002, 0.1176, 0.0354
CMYK	0.00, 0.12, 0.04, 0.00
HSL	318°, 100%, 94%
HSV	318°, 12%, 100%
XYZ	84.7856, 81.7642, 98.4881
YIQ	236.3640, 11.1390, 12.8910

Conversions

Conversions Part 2

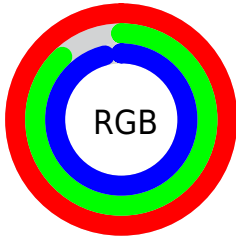
Format	Color
R _{YB}	255, 225, 246
Decimal	16769526
CIE Lab	92.47, 13.77, -6.40
CIE LCh	92, 15.187, 335.063
Yxy	81.7642, 0.3199, 0.3085
Android (android.graphics.Color)	4294959606 (0xFFFFE1F6)
YUV	236.3640, 4.7505, 16.3438
Hunter-Lab	90.4236, 9.1293, -1.2814

Details

The Yxy color **81.7642, 0.3199, 0.3085** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.4446, 0.3062, 0.3504**, and the grayscale version is **84.1291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.4729, 0.3211, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **68.5351, 0.3272, 0.2903**, and if you desaturate by 10%, it is **97.0780, 0.3137, 0.3260**.

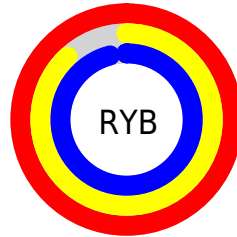
Distribution



Red (100%)

Green (88%)

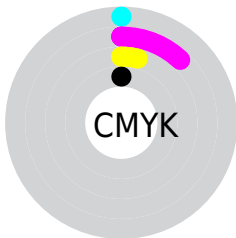
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

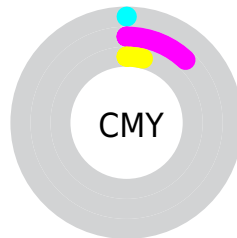


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.7642, 0.3199, 0.3085 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 81.7642, 0.3199, 0.3085 by changing the saturation by 10% instead.


 81.7642, 0.3199,
0.3085

 81.7642, 0.3199,
0.3085

500.8586, 0.3167,
0.3176

 61.1712, 0.3206,
0.3065


135.8433, 0.3188,
0.3116

 44.3633, 0.3214,
0.3040


170.0981, 0.3184,
0.3128

 30.9563, 0.3225,
0.3010


209.6757, 0.3180,
0.3139

 20.5655, 0.3238,
0.2971

254.9605, 0.3177,
0.3148

 12.8068, 0.3256,
0.2920

306.3367, 0.3174,
0.3157

 7.2956, 0.3280,
0.2849

364.1889, 0.3172,

 3.6477, 0.3314,

0.3164

0.2745

428.9014, 0.3169,
0.3170

■ 1.4785, 0.3370,
0.2577

■ 0.2735, 0.3691,
0.1693

■ 81.7642, 0.3199,
0.3085

■ 81.7642, 0.3199,
0.3085

■ 68.5351, 0.3272,
0.2903

■ 97.0780, 0.3137,
0.3260

■ 57.2888, 0.3357,
0.2718

99.9920, 0.3127,
0.3290

■ 47.9310, 0.3454,
0.2538

■ 40.3553, 0.3563,
0.2372

■ 34.4450, 0.3683,
0.2229

■ 30.0690, 0.3809,
0.2122

■ 27.0766, 0.3938,
0.2059

■ 25.2864, 0.4065,
0.2046

■ 24.4875, 0.4168,
0.2069

Harmonies

Analogous

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



81.7642, 0.3021, 0.3007



81.7642, 0.3199, 0.3085



81.7642, 0.3361, 0.3214

Triad

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



81.7642, 0.3199, 0.3085



81.7642, 0.3380, 0.3587



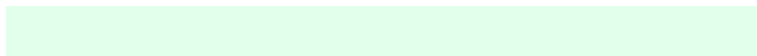
81.7642, 0.2805, 0.3200

Complementary

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



81.7642, 0.3199, 0.3085



93.4446, 0.3062, 0.3504

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.



81.7642, 0.2896, 0.3363



81.7642, 0.3199, 0.3085



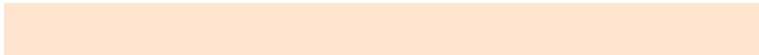
81.7642, 0.3226, 0.3592

Square

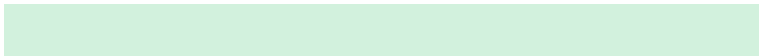
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7642, 0.3199, 0.3085



81.7642, 0.3467, 0.3502



81.7642, 0.3049, 0.3509



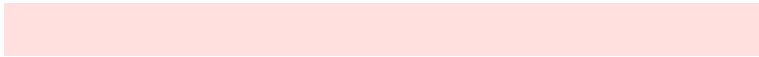
81.7642, 0.2798, 0.3068

Rectangle

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



81.7642, 0.3199, 0.3085



81.7642, 0.3437, 0.3314



81.7642, 0.3049, 0.3509



81.7642, 0.2827, 0.3253

Sweetspot

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



81.7678, 0.3199, 0.3085



93.4685, 0.3150, 0.3222



78.4889, 0.2996, 0.2987



19.7514, 0.3155, 0.3209



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

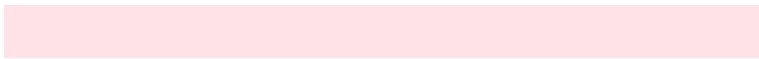
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7678, 0.3199, 0.3085



78.6295, 0.3215, 0.3044



80.9133, 0.3295, 0.3226



18.2021, 0.3184, 0.3125



12.8277, 0.4148, 0.2059



1.2683, 0.4014, 0.1985

Inverse Universe

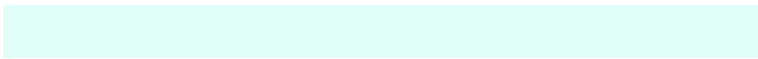
The Inverse Universe completely reimagines the original color for something new.



81.7678, 0.3199, 0.3085



78.6295, 0.3215, 0.3044



94.3109, 0.2982, 0.3355



18.2021, 0.3184, 0.3125



12.8277, 0.4148, 0.2059



1.2683, 0.4014, 0.1985

Previews

White Background



This preview shows how the Yxy color 81.7642, 0.3199, 0.3085 looks on a white background.

Color Contrast Check

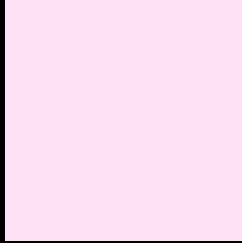
Large Text (above 18pt) WCAG AA × Fail

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 81.7642, 0.3199, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

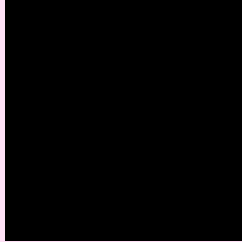
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.7642, 0.3199, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 81.7642, 0.3199, 0.3085.

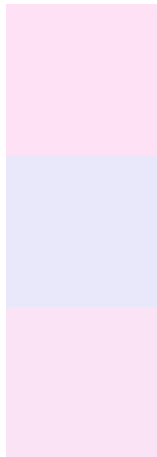


This preview shows how white text looks on a background with the Yxy color 81.7642, 0.3199, 0.3085.

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

81.7642, 0.3199, 0.3085

Protanopia

81.9390, 0.3023, 0.3107

Deuteranopia

82.1012, 0.3170, 0.3103



Tritanopia

81.5815, 0.3219, 0.3114

Trichromacy



Original Color

81.7642, 0.3199, 0.3085

Protanomaly

81.5789, 0.3082, 0.3090

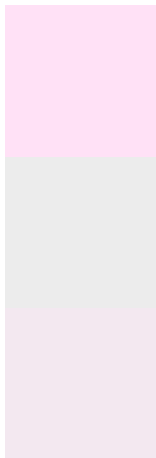
Deuteranomaly

81.7420, 0.3178, 0.3093

Tritanomaly

81.6421, 0.3212, 0.3104

Monochromacy



Original Color

81.7642, 0.3199, 0.3085

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 81.7642, 0.3199, 0.3085 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 246) }
```

Border

The CSS property to change the border of an element to Yxy 81.7642, 0.3199, 0.3085 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, 246) }
```

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

```
.border{ border-color:rgb(255, 225, 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, 225, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7642, 0.3199, 0.3085 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, 246) }
```

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

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