

Converting Colors

$Y_{xy}(78.6979, 0.3201, 0.3153)$

Have a look what the booklet for
Yxy(78.6979, 0.3201, 0.3153)
contains.

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Color

Yxy(78.4826, 0.3197, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	F6DFED
RGB	246, 223, 237
RGB Percent	96%, 87%, 93%
CMY	0.0353, 0.1255, 0.0706
CMYK	0.00, 0.09, 0.04, 0.04
HSL	323°, 56%, 92%
HSV	323°, 9%, 96%
XYZ	79.6789, 78.4826, 91.0687
YIQ	231.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

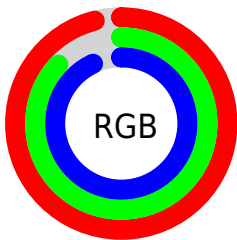
Format	Color
R _Y B	246, 223, 237
Decimal	16179181
CIE Lab	91.00, 10.25, -3.95
CIE LCh	91, 10.984, 338.896
Yxy	78.4826, 0.3197, 0.3149
Android (android.graphics.Color)	4294369261 (0xFFFF6DFED)
YUV	231.4730, 2.7248, 12.7402
Hunter-Lab	88.5904, 5.5111, 1.0646

Details

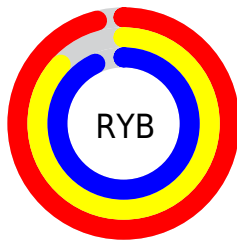
The Yxy color **78.4826, 0.3197, 0.3149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4264, 0.3063, 0.3435**, and the grayscale version is **80.2580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2886, 0.3217, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **65.7337, 0.3286, 0.2991**, and if you desaturate by 10%, it is **93.1783, 0.3123, 0.3300**.

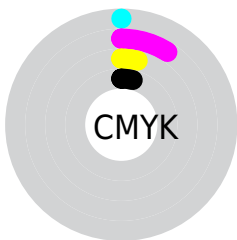
Distribution



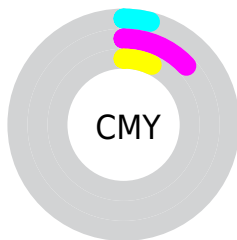
- Red (96%)
- Green (87%)
- Blue (93%)



- Red (96%)
- Yellow (87%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.4826, 0.3197, 0.3149 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 78.4826, 0.3197, 0.3149 by changing the saturation by 10% instead.


 78.4826, 0.3197,
0.3149

 78.4826, 0.3197,
0.3149

489.8042, 0.3166,
0.3213

 58.4705, 0.3204,
0.3135


131.2302, 0.3186,
0.3171

 42.1870, 0.3213,
0.3117


164.7345, 0.3182,
0.3179

 29.2478, 0.3223,
0.3096


203.5050, 0.3178,
0.3187

 19.2683, 0.3237,
0.3068

247.9261, 0.3175,
0.3193

 11.8643, 0.3256,
0.3030

298.3822, 0.3172,
0.3199

 6.6514, 0.3282,
0.2978

355.2576, 0.3170,

 3.2450, 0.3321,

0.3204

0.2899

418.9369, 0.3168,
0.3209

■ 1.2610, 0.3387,
0.2766

■ 0.1107, 0.4117,
0.1282

■ 78.4826, 0.3197,
0.3149

■ 78.4826, 0.3197,
0.3149

■ 65.7337, 0.3286,
0.2991

■ 93.1783, 0.3123,
0.3300

■ 54.8388, 0.3391,
0.2829

■ 98.3326, 0.3072,
0.3290

■ 45.7129, 0.3513,
0.2669

■ 38.2604, 0.3654,
0.2517

■ 32.3764, 0.3812,
0.2386

■ 27.9443, 0.3984,
0.2286

■ 24.8308, 0.4165,
0.2229

■ 22.8778, 0.4346,
0.2223

■ 21.8407, 0.4522,
0.2268

Harmonies

Analogous

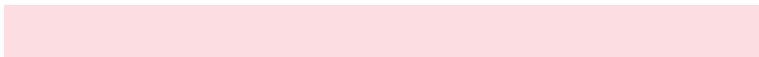
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4826, 0.3066, 0.3085



78.4826, 0.3197, 0.3149



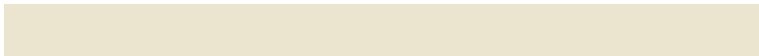
78.4826, 0.3311, 0.3249

Triad

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



78.4826, 0.3197, 0.3149



78.4826, 0.3301, 0.3512



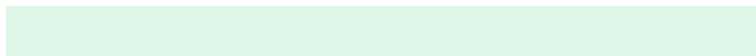
78.4826, 0.2885, 0.3211

Complementary

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



78.4826, 0.3197, 0.3149



87.4264, 0.3063, 0.3435

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.



78.4826, 0.2946, 0.3329



78.4826, 0.3197, 0.3149



78.4826, 0.3184, 0.3505

Square

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



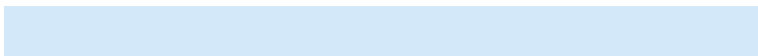
78.4826, 0.3197, 0.3149



78.4826, 0.3371, 0.3457



78.4826, 0.3055, 0.3438



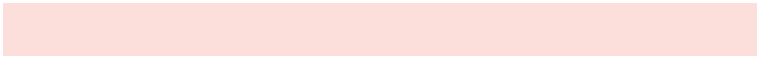
78.4826, 0.2888, 0.3118

Rectangle

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



78.4826, 0.3197, 0.3149



78.4826, 0.3361, 0.3324



78.4826, 0.3055, 0.3438



78.4826, 0.2899, 0.3249

Sweetspot

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



78.4860, 0.3197, 0.3149



95.0244, 0.3148, 0.3246



76.5585, 0.3041, 0.3053



20.0616, 0.3154, 0.3233



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

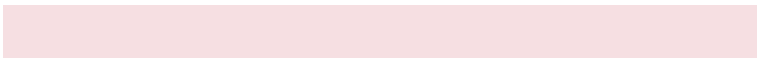
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4860, 0.3197, 0.3149



82.7038, 0.3211, 0.3123



77.8455, 0.3273, 0.3263



16.6520, 0.3198, 0.3147



11.6568, 0.4506, 0.2256



1.0447, 0.4299, 0.2142

Inverse Universe

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



78.4860, 0.3197, 0.3149



82.7038, 0.3211, 0.3123



88.0900, 0.2998, 0.3317



16.6520, 0.3198, 0.3147



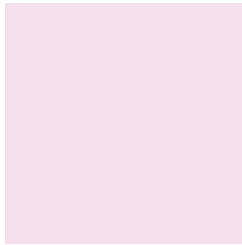
11.6568, 0.4506, 0.2256



1.0447, 0.4299, 0.2142

Previews

White Background



This preview shows how the Yxy color 78.4826, 0.3197, 0.3149 looks on a white background.

Color Contrast Check

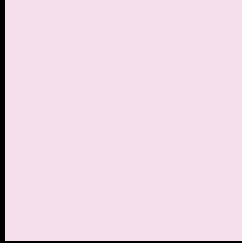
Large Text (above 18pt) WCAG AA × Fail

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 78.4826, 0.3197, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

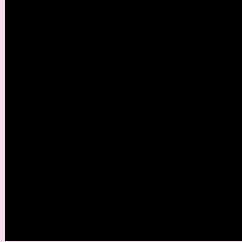
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.4826, 0.3197, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 78.4826, 0.3197, 0.3149.

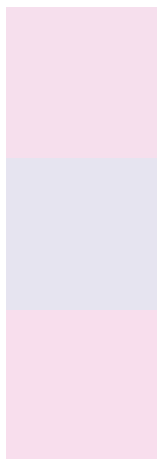


This preview shows how white text looks on a background with the Yxy color 78.4826, 0.3197, 0.3149.

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

78.4826, 0.3197, 0.3149

Protanopia

78.6011, 0.3065, 0.3166

Deuteranopia

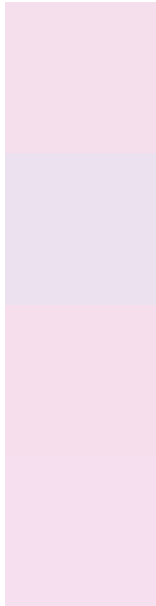
78.3134, 0.3212, 0.3139



Tritanopia

78.6595, 0.3177, 0.3119

Trichromacy



Original Color

78.4826, 0.3197, 0.3149

Protanomaly

78.4576, 0.3113, 0.3157

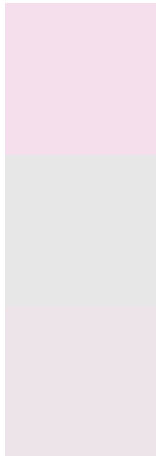
Deuteranomaly

78.1311, 0.3205, 0.3139

Tritanomaly

78.6002, 0.3184, 0.3129

Monochromacy



Original Color

78.4826, 0.3197, 0.3149

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.2029, 0.3150, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4826, 0.3197, 0.3149 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, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 237)  
}
```

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, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.4826, 0.3197, 0.3149 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, 223, 237) }
```

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

```
.border{ border-color:rgb(246, 223, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 223, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4826, 0.3197, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 237) }
```

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

```
.background{ background-color: rgb(246,  
223, 237) }
```

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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