

Converting Colors

Yxy(80.5487, 0.3184, 0.3181)

Have a look what the booklet for
Yxy(80.5487, 0.3184, 0.3181)
contains.

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Color

Yxy(80.5237, 0.3181, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	F5E3EE
RGB	245, 227, 238
RGB Percent	96%, 89%, 93%
CMY	0.0390, 0.1099, 0.0666
CMYK	0.00, 0.07, 0.03, 0.04
HSL	323°, 48%, 93%
HSV	323°, 7%, 96%
XYZ	80.5744, 80.5237, 92.2008
YIQ	233.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

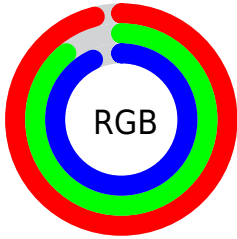
Format	Color
R_{YB}	245, 227, 238
Decimal	16114670
CIE Lab	91.92, 8.04, -3.15
CIE LCh	92, 8.637, 338.632
Yxy	80.5237, 0.3181, 0.3179
Android (android.graphics.Color)	4294304750 (0xFF5E3EE)
YUV	233.6360, 2.1515, 9.9662
Hunter-Lab	89.7350, 3.2415, 1.8953

Details

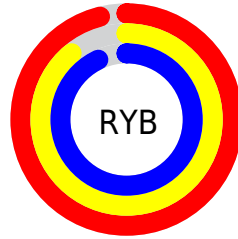
The Yxy color **80.5237, 0.3181, 0.3179** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **87.6087, 0.3077, 0.3404**, and the grayscale version is **81.9769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7013, 0.3196, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **67.5176, 0.3266, 0.3022**, and if you desaturate by 10%, it is **95.4743, 0.3110, 0.3328**.

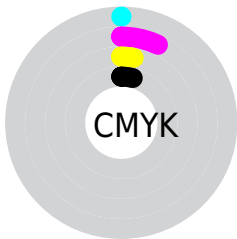
Distribution



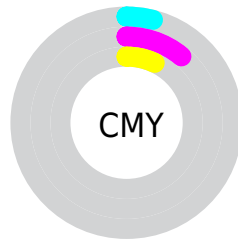
- Red (96%)
- Green (89%)
- Blue (93%)



- Red (96%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.5237, 0.3181, 0.3179 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 80.5237, 0.3181, 0.3179 by changing the saturation by 10% instead.


 80.5237, 0.3181,
0.3179

 80.5237, 0.3181,
0.3179

496.6960, 0.3157,
0.3229

 60.1494, 0.3186,
0.3168


134.1018, 0.3173,
0.3196

 43.5391, 0.3193,
0.3154


168.0743, 0.3169,
0.3203

 30.3083, 0.3201,
0.3137


207.3485, 0.3167,
0.3209

 20.0727, 0.3212,
0.3115

252.3085, 0.3164,
0.3214

 12.4479, 0.3226,
0.3086

303.3389, 0.3162,
0.3218

 7.0495, 0.3246,
0.3045

360.8240, 0.3160,

 3.4931, 0.3276,

0.3222

0.2984

425.1482, 0.3158,
0.3226

■ 1.3943, 0.3325,
0.2881

■ 0.2125, 0.3750,
0.2000

■ 80.5237, 0.3181,
0.3179

■ 80.5237, 0.3181,
0.3179

■ 67.5176, 0.3266,
0.3022

■ 95.4743, 0.3110,
0.3328

■ 56.3648, 0.3367,
0.2860

■ 98.1625, 0.3066,
0.3290

■ 46.9824, 0.3486,
0.2698

■ 39.2774, 0.3622,
0.2544

■ 33.1477, 0.3776,
0.2407

■ 28.4805, 0.3945,
0.2299

■ 25.1475, 0.4122,
0.2232

■ 22.9979, 0.4303,
0.2216

■ 21.8350, 0.4478,
0.2252

Harmonies

Analogous

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



80.5237, 0.3079, 0.3129



80.5237, 0.3181, 0.3179



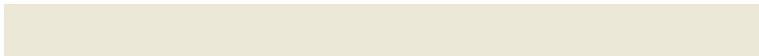
80.5237, 0.3270, 0.3257

Triad

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



80.5237, 0.3181, 0.3179



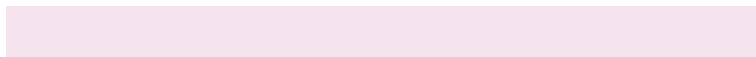
80.5237, 0.3263, 0.3462



80.5237, 0.2938, 0.3230

Complementary

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



80.5237, 0.3181, 0.3179



87.6087, 0.3077, 0.3404

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.



80.5237, 0.2986, 0.3321



80.5237, 0.3181, 0.3179



80.5237, 0.3173, 0.3457

Square

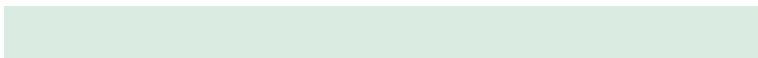
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5237, 0.3181, 0.3179



80.5237, 0.3318, 0.3421



80.5237, 0.3072, 0.3405



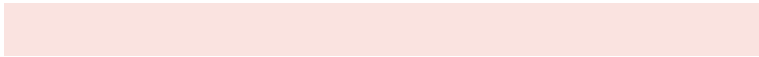
80.5237, 0.2940, 0.3157

Rectangle

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



80.5237, 0.3181, 0.3179



80.5237, 0.3309, 0.3316



80.5237, 0.3072, 0.3405



80.5237, 0.2949, 0.3260

Sweetspot

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



80.5272, 0.3181, 0.3179



96.6619, 0.3141, 0.3260



79.0039, 0.3060, 0.3105



20.7246, 0.3140, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

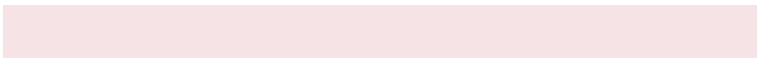
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5272, 0.3181, 0.3179



85.6593, 0.3194, 0.3154



80.0152, 0.3240, 0.3269



16.6526, 0.3198, 0.3146



11.6659, 0.4497, 0.2251



1.0454, 0.4292, 0.2138

Inverse Universe

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



80.5272, 0.3181, 0.3179



85.6593, 0.3194, 0.3154



88.1349, 0.3025, 0.3311



16.6526, 0.3198, 0.3146



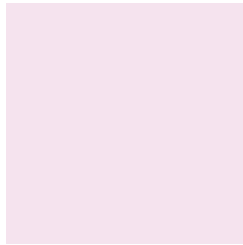
11.6659, 0.4497, 0.2251



1.0454, 0.4292, 0.2138

Previews

White Background



This preview shows how the Yxy color 80.5237, 0.3181, 0.3179 looks on a white background.

Color Contrast Check

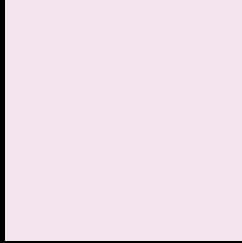
Large Text (above 18pt) WCAG AA × Fail

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 80.5237, 0.3181, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

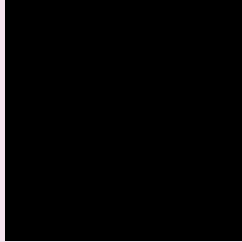
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

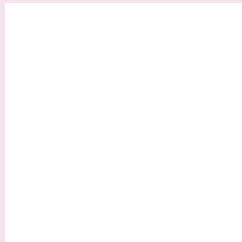
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.5237, 0.3181, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 80.5237, 0.3181, 0.3179.

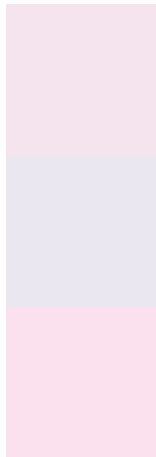


This preview shows how white text looks on a background with the Yxy color 80.5237, 0.3181, 0.3179.

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

80.5237, 0.3181, 0.3179

Protanopia

80.9355, 0.3091, 0.3198

Deuteranopia

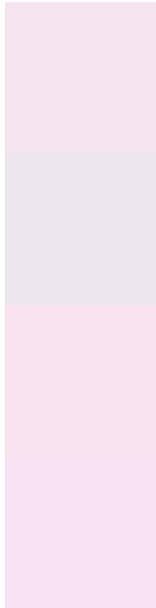
80.5327, 0.3224, 0.3161



Tritanopia

80.5172, 0.3149, 0.3110

Trichromacy



Original Color

80.5237, 0.3181, 0.3179

Protanomaly

81.0028, 0.3125, 0.3198

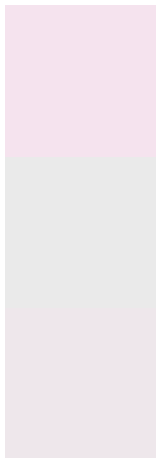
Deuteranomaly

80.7055, 0.3209, 0.3170

Tritanomaly

80.3963, 0.3162, 0.3130

Monochromacy



Original Color

80.5237, 0.3181, 0.3179

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.3271, 0.3149, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.5237, 0.3181, 0.3179 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(245, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 238)  
}
```

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(245, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 238) }
```

Border

The CSS property to change the border of an element to Yxy 80.5237, 0.3181, 0.3179 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(245, 227, 238) }
```

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

```
.border{ border-color:rgb(245, 227, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 227, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 227, 238); box-shadow:4px 4px 4px 4px rgb(245, 227, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 80.5237, 0.3181, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 238) }
```

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

```
.background{ background-color: rgb(245,  
227, 238) }
```

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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