

Converting Colors

Yxy(76.9824, 0.3185, 0.3116)

Have a look what the booklet for
Yxy(76.9824, 0.3185, 0.3116)
contains.

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Color

Yxy(77.2984, 0.3185, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	F5DDEE
RGB	245, 221, 238
RGB Percent	96%, 87%, 93%
CMY	0.0390, 0.1334, 0.0666
CMYK	0.00, 0.10, 0.03, 0.04
HSL	318°, 55%, 91%
HSV	318°, 10%, 96%
XYZ	78.9594, 77.2984, 91.6524
YIQ	230.1140, 8.8470, 10.3750

Conversions

Conversions Part 2

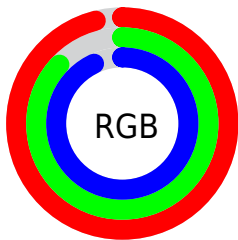
Format	Color
R _{YB}	245, 221, 238
Decimal	16113134
CIE Lab	90.46, 11.16, -5.29
CIE LCh	90, 12.346, 334.633
Yxy	77.2984, 0.3185, 0.3118
Android (android.graphics.Color)	4294303214 (0xFFF5DDEE)
YUV	230.1140, 3.8878, 13.0550
Hunter-Lab	87.9195, 6.4495, -0.2637

Details

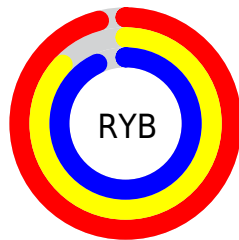
The Yxy color $77.2984, 0.3185, 0.3118$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.3104, 0.3074, 0.3468$, and the grayscale version is $79.1916, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.4687, 0.3201, 0.3083$ is the 20% darker color. If you saturate the color by 10%, you get $64.8799, 0.3254, 0.2936$, and if you desaturate by 10%, it is $91.6290, 0.3126, 0.3293$.

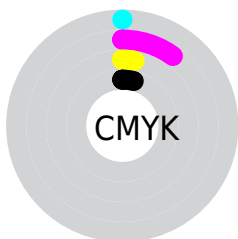
Distribution



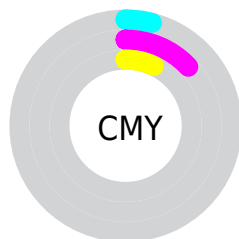
- Red (96%)
- Green (87%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (4%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2984, 0.3185, 0.3118 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 77.2984, 0.3185, 0.3118 by changing the saturation by 10% instead.


 77.2984, 0.3185,
0.3118

 77.2984, 0.3185,
0.3118


485.7808, 0.3159,
0.3196

 57.4978, 0.3191,
0.3101

129.5606, 0.3176,
0.3145

 41.4051, 0.3198,
0.3079


162.7910, 0.3173,
0.3155

 28.6357, 0.3206,
0.3053


201.2669, 0.3170,
0.3164

 18.8054, 0.3218,
0.3019

245.3725, 0.3167,
0.3172

 11.5298, 0.3233,
0.2973

295.4923, 0.3165,
0.3179

 6.4244, 0.3253,
0.2909

352.0107, 0.3163,

 3.1048, 0.3284,

0.3185

0.2813

415.3121, 0.3161,
0.3191

■ 1.1867, 0.3335,
0.2652

■ 0.0508, 0.4025,
0.0638

■ 77.2984, 0.3185,
0.3118

■ 77.2984, 0.3185,
0.3118

■ 64.8799, 0.3254,
0.2936

■ 91.6290, 0.3126,
0.3293

■ 54.2816, 0.3335,
0.2750

■ 97.9929, 0.3081,
0.3315

■ 45.4195, 0.3427,
0.2567

■ 98.1620, 0.3066,
0.3290

■ 38.1985, 0.3531,
0.2396

■ 32.5147, 0.3645,
0.2246

■ 28.2522, 0.3767,
0.2130

■ 25.2783, 0.3892,
0.2056

■ 23.4354, 0.4016,
0.2032

■ 22.4659, 0.4136,
0.2053

Harmonies

Analogous

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



77.2984, 0.3038, 0.3054



77.2984, 0.3185, 0.3118



77.2984, 0.3319, 0.3226

Triad

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



77.2984, 0.3185, 0.3118



77.2984, 0.3338, 0.3535



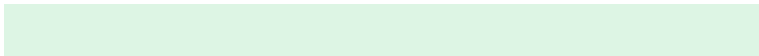
77.2984, 0.2860, 0.3218

Complementary

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



77.2984, 0.3185, 0.3118



86.3104, 0.3074, 0.3468

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.



77.2984, 0.2937, 0.3353



77.2984, 0.3185, 0.3118



77.2984, 0.3212, 0.3539

Square

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



77.2984, 0.3185, 0.3118



77.2984, 0.3409, 0.3465



77.2984, 0.3065, 0.3472



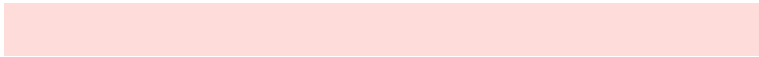
77.2984, 0.2853, 0.3108

Rectangle

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



77.2984, 0.3185, 0.3118



77.2984, 0.3382, 0.3309



77.2984, 0.3065, 0.3472



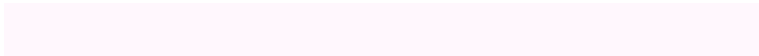
77.2984, 0.2879, 0.3262

Sweetspot

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



77.3018, 0.3185, 0.3118



95.0724, 0.3144, 0.3238



74.7643, 0.3020, 0.3039



20.0746, 0.3148, 0.3224



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

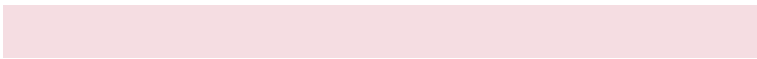
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3018, 0.3185, 0.3118



81.4430, 0.3199, 0.3078



76.6303, 0.3265, 0.3237



16.6808, 0.3183, 0.3124



12.1144, 0.4119, 0.2043



1.0826, 0.3978, 0.1965

Inverse Universe

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



77.3018, 0.3185, 0.3118



81.4430, 0.3199, 0.3078



86.9888, 0.3005, 0.3344



16.6808, 0.3183, 0.3124



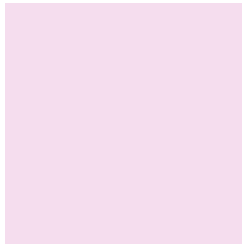
12.1144, 0.4119, 0.2043



1.0826, 0.3978, 0.1965

Previews

White Background



This preview shows how the Yxy color 77.2984, 0.3185, 0.3118 looks on a white background.

Color Contrast Check

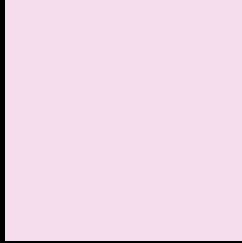
Large Text (above 18pt) WCAG AA × Fail

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 77.2984, 0.3185, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

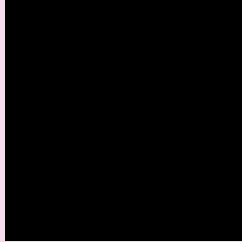
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2984, 0.3185, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 77.2984, 0.3185, 0.3118.



This preview shows how white text looks on a background with the Yxy color 77.2984, 0.3185, 0.3118.

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

77.2984, 0.3185, 0.3118

Protanopia

77.2376, 0.3046, 0.3134

Deuteranopia

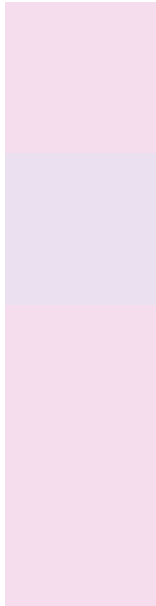
77.2984, 0.3185, 0.3118



Tritanopia

77.2984, 0.3185, 0.3118

Trichromacy



Original Color

77.2984, 0.3185, 0.3118

Protanomaly

77.0950, 0.3093, 0.3125

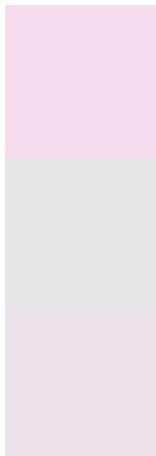
Deuteranomaly

77.2984, 0.3185, 0.3118

Tritanomaly

77.2984, 0.3185, 0.3118

Monochromacy



Original Color

77.2984, 0.3185, 0.3118

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.4835, 0.3144, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2984, 0.3185, 0.3118 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, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 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, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 238) }
```

Border

The CSS property to change the border of an element to Yxy 77.2984, 0.3185, 0.3118 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, 221, 238) }
```

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

```
.border{ border-color:rgb(245, 221, 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, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 221, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 221, 238); box-shadow:4px 4px 4px 4px rgb(245, 221, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2984, 0.3185, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 238) }
```

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

```
.background{ background-color: rgb(245,  
221, 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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