

Converting Colors

Yxy(80.8681, 0.3064, 0.3098)

Have a look what the booklet for
Yxy(80.8681, 0.3064, 0.3098)
contains.

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Color

Yxy(80.8205, 0.3062, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	EDE5F8
RGB	237, 229, 248
RGB Percent	93%, 90%, 97%
CMY	0.0706, 0.1019, 0.0275
CMYK	0.04, 0.08, 0.00, 0.03
HSL	265°, 57%, 94%
HSV	265°, 8%, 97%
XYZ	79.8813, 80.8205, 100.1778
YIQ	233.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

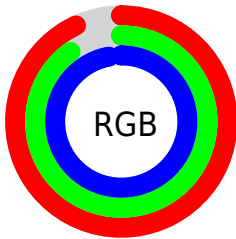
Format	Color
R _{YB}	237, 229, 248
Decimal	15590904
CIE Lab	92.05, 6.11, -8.23
CIE LCh	92, 10.247, 306.613
Yxy	80.8205, 0.3062, 0.3098
Android (android.graphics.Color)	4293780984 (0xFFE5F8)
YUV	233.5580, 7.1199, 3.0186
Hunter-Lab	89.9002, 1.2818, -3.1380

Details

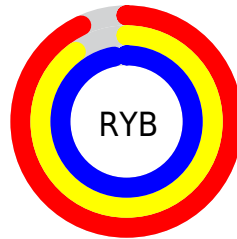
The Yxy color **80.8205, 0.3062, 0.3098** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.3051, 0.3189, 0.3481**, and the grayscale version is **81.8742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9016, 0.3043, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **65.6912, 0.2964, 0.2826**, and if you desaturate by 10%, it is **98.1150, 0.3146, 0.3346**.

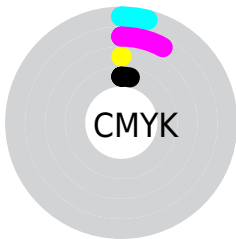
Distribution



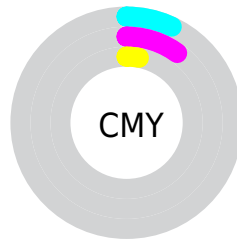
- Red (93%)
- Green (90%)
- Blue (97%)



- Red (93%)
- Yellow (90%)
- Blue (97%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.8205, 0.3062, 0.3098 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 80.8205, 0.3062, 0.3098 by changing the saturation by 10% instead.

80.8205, 0.3062,
0.3098

80.8205, 0.3062,
0.3098

497.6937, 0.3092,
0.3184

60.3938, 0.3055,
0.3079

134.5187, 0.3072,
0.3127

43.7361, 0.3047,
0.3056

168.5590, 0.3076,
0.3139

30.4631, 0.3036,
0.3027

207.9059, 0.3080,
0.3149

20.1904, 0.3022,
0.2989

252.9438, 0.3083,
0.3158

12.5335, 0.3004,
0.2940

304.0571, 0.3086,
0.3166

7.1081, 0.2977,
0.2871

361.6303, 0.3088,

3.5298, 0.2936,

0.3173

0.2768

426.0477, 0.3090,
0.3179

■ 1.4142, 0.2865,
0.2600

■ 0.2271, 0.2581,
0.1606

■ 80.8205, 0.3062,
0.3098

■ 80.8205, 0.3062,
0.3098

■ 65.6912, 0.2964,
0.2826

■ 98.1150, 0.3146,
0.3346

■ 52.6294, 0.2852,
0.2534

■ 99.5560, 0.3168,
0.3357

■ 41.5452, 0.2725,
0.2228

■ 32.3381, 0.2585,
0.1917

■ 24.8980, 0.2437,
0.1616

■ 19.1035, 0.2285,
0.1341

■ 14.8168, 0.2138,
0.1110

■ 11.8764, 0.2003,
0.0935

■ 10.0693, 0.1886,
0.0820

Harmonies

Analogous

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



80.8205, 0.2961, 0.3091



80.8205, 0.3062, 0.3098



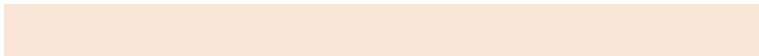
80.8205, 0.3183, 0.3154

Triad

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



80.8205, 0.3062, 0.3098



80.8205, 0.3355, 0.3439



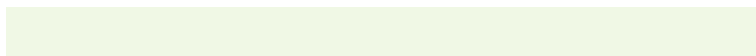
80.8205, 0.2966, 0.3334

Complementary

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



80.8205, 0.3062, 0.3098



91.3051, 0.3189, 0.3481

Split Complementary

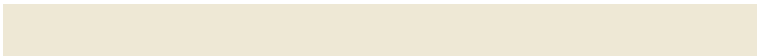
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8205, 0.3069, 0.3433



80.8205, 0.3062, 0.3098



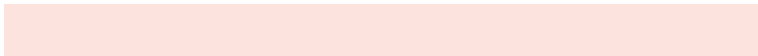
80.8205, 0.3294, 0.3493

Square

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



80.8205, 0.3062, 0.3098



80.8205, 0.3354, 0.3348



80.8205, 0.3189, 0.3491



80.8205, 0.2906, 0.3225

Rectangle

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



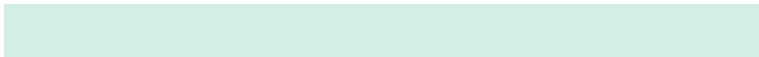
80.8205, 0.3062, 0.3098



80.8205, 0.3258, 0.3211



80.8205, 0.3189, 0.3491



80.8205, 0.2997, 0.3370

Sweetspot

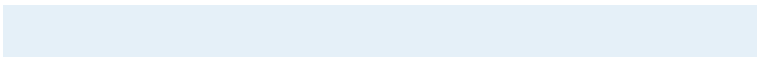
The Sweet Spot groups the original color and five complimentary colors.



80.8239, 0.3062, 0.3098



96.2329, 0.3111, 0.3241



85.8009, 0.3009, 0.3209



20.6373, 0.3112, 0.3244



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.



80.8239, 0.3062, 0.3098



83.7857, 0.3050, 0.3062



82.4863, 0.3125, 0.3102



16.9996, 0.3045, 0.3049



5.3385, 0.1877, 0.0808



0.5552, 0.2009, 0.0881

Inverse Universe

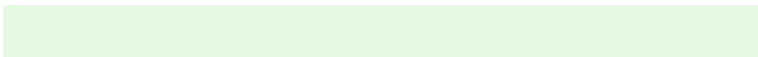
The Inverse Universe completely reimagines the original color for something new.



82.2895, 0.3187, 0.3181



85.6153, 0.3199, 0.3161



89.7006, 0.3128, 0.3484



17.3939, 0.3203, 0.3153



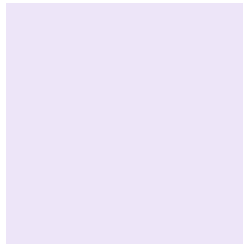
11.8921, 0.4627, 0.2323



1.1226, 0.4411, 0.2204

Previews

White Background



This preview shows how the Yxy color 80.8205, 0.3062, 0.3098 looks on a white background.

Color Contrast Check

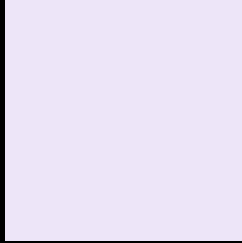
Large Text (above 18pt) WCAG AA × Fail

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 80.8205, 0.3062, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

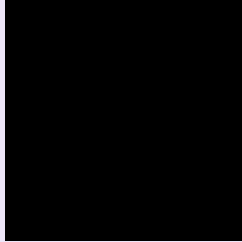
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

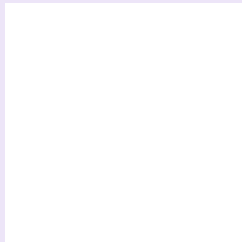
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8205, 0.3062, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 80.8205, 0.3062, 0.3098.



This preview shows how white text looks on a background with the Yxy color 80.8205, 0.3062, 0.3098.

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

80.8205, 0.3062, 0.3098

Protanopia

80.9803, 0.3016, 0.3106

Deuteranopia

80.4641, 0.3125, 0.3052



Tritanopia

80.7585, 0.3068, 0.3108

Trichromacy



Original Color

80.8205, 0.3062, 0.3098

Protanomaly

80.7568, 0.3029, 0.3096

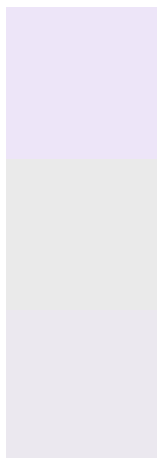
Deuteranomaly

80.2870, 0.3097, 0.3060

Tritanomaly

80.7585, 0.3068, 0.3108

Monochromacy



Original Color

80.8205, 0.3062, 0.3098

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.6074, 0.3104, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8205, 0.3062, 0.3098 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(237, 229, 248)` looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 248)  
}
```

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(237, 229, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 248) }
```

Border

The CSS property to change the border of an element to Yxy 80.8205, 0.3062, 0.3098 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(237, 229, 248) }
```

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

```
.border{ border-color:rgb(237, 229, 248) }
```

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

Here you see how a box with a 4 pixel rgb(237, 229, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 229, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 229, 248);  
box-shadow:4px 4px 4px 4px rgb(237, 229,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8205, 0.3062, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 248) }
```

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

```
.background{ background-color: rgb(237,  
229, 248) }
```

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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