

Converting Colors

Yxy(82.4216, 0.3082, 0.3147)

Have a look what the booklet for
Yxy(82.4216, 0.3082, 0.3147)
contains.

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Color

Yxy(82.5442, 0.3080, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	EEE8F6
RGB	238, 232, 246
RGB Percent	93%, 91%, 96%
CMY	0.0669, 0.0901, 0.0354
CMYK	0.03, 0.06, 0.00, 0.04
HSL	265°, 44%, 94%
HSV	265°, 6%, 96%
XYZ	80.7355, 82.5442, 98.8486
YIQ	235.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

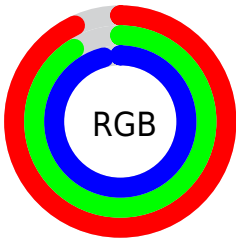
Format	Color
R_{YB}	238, 232, 246
Decimal	15657206
CIE _{Lab}	92.81, 4.50, -6.05
CIE _{LCh}	93, 7.537, 306.658
Y _{xy}	82.5442, 0.3080, 0.3149
Android (android.graphics.Color)	4293847286 (0xFFEEE8F6)
Y_{UV}	235.3900, 5.2307, 2.2890
Hunter-Lab	90.8538, -0.3736, -0.9096

Details

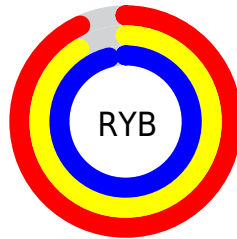
The Yxy color **82.5442, 0.3080, 0.3149** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.2613, 0.3172, 0.3430**, and the grayscale version is **83.3470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7135, 0.3067, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **67.2998, 0.2986, 0.2882**, and if you desaturate by 10%, it is **98.8872, 0.3161, 0.3377**.

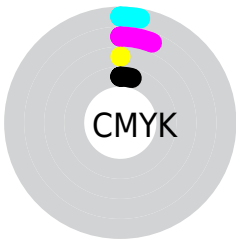
Distribution



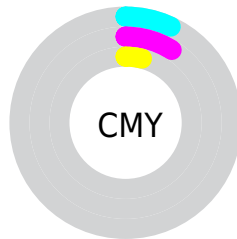
- Red (93%)
- Green (91%)
- Blue (96%)



- Red (93%)
- Yellow (91%)
- Blue (96%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5442, 0.3080, 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 82.5442, 0.3080, 0.3149 by changing the saturation by 10% instead.

82.5442, 0.3080,
0.3149

82.5442, 0.3080,
0.3149

503.4662, 0.3102,
0.3212

61.8142, 0.3075,
0.3135

136.9369, 0.3087,
0.3171

44.8826, 0.3069,
0.3118

171.3684, 0.3090,
0.3179

31.3650, 0.3062,
0.3096

211.1358, 0.3093,
0.3186

20.8769, 0.3052,
0.3069

256.6236, 0.3095,
0.3193

13.0341, 0.3039,
0.3033

308.2162, 0.3097,
0.3199

7.4520, 0.3020,
0.2982

366.2978, 0.3099,

3.7464, 0.2991,

0.3204

0.2906

431.2531, 0.3100,
0.3208

■ 1.5327, 0.2942,
0.2782

■ 0.3116, 0.2744,
0.2106

■ 82.5442, 0.3080,
0.3149

■ 82.5442, 0.3080,
0.3149

■ 67.2998, 0.2986,
0.2882

■ 98.8872, 0.3161,
0.3377

■ 54.0982, 0.2877,
0.2594

■ 99.4326, 0.3179,
0.3376

■ 42.8526, 0.2754,
0.2290

■ 33.4661, 0.2618,
0.1980

■ 25.8330, 0.2472,
0.1677

■ 19.8368, 0.2321,
0.1396

■ 15.3462, 0.2173,
0.1155

■ 12.2085, 0.2036,
0.0969

■ 10.2359, 0.1915,
0.0843

Harmonies

Analogous

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



82.5442, 0.3005, 0.3144



82.5442, 0.3080, 0.3149



82.5442, 0.3168, 0.3190

Triad

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



82.5442, 0.3080, 0.3149



82.5442, 0.3293, 0.3400



82.5442, 0.3009, 0.3322

Complementary

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



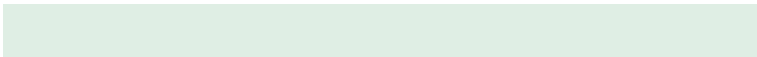
82.5442, 0.3080, 0.3149



90.2613, 0.3172, 0.3430

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.



82.5442, 0.3085, 0.3394



82.5442, 0.3080, 0.3149



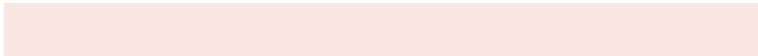
82.5442, 0.3249, 0.3438

Square

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



82.5442, 0.3080, 0.3149



82.5442, 0.3292, 0.3333



82.5442, 0.3173, 0.3436



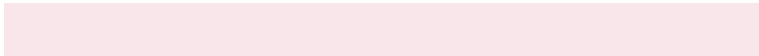
82.5442, 0.2965, 0.3243

Rectangle

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



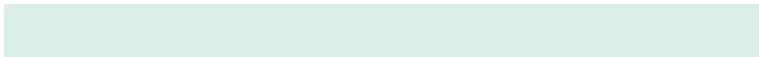
82.5442, 0.3080, 0.3149



82.5442, 0.3223, 0.3233



82.5442, 0.3173, 0.3436



82.5442, 0.3032, 0.3348

Sweetspot

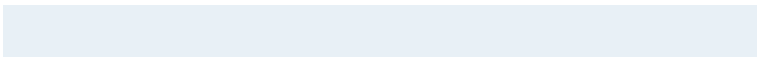
The Sweet Spot groups the original color and five complimentary colors.



82.5477, 0.3080, 0.3149



96.2368, 0.3111, 0.3241



86.2296, 0.3040, 0.3231



20.6381, 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.



82.5477, 0.3080, 0.3149



87.2392, 0.3068, 0.3115



83.7587, 0.3126, 0.3151



16.9038, 0.3063, 0.3100



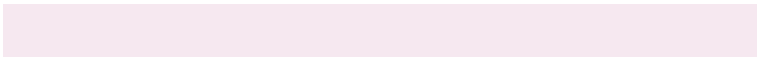
5.2159, 0.1885, 0.0812



0.5176, 0.2024, 0.0889

Inverse Universe

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



83.6102, 0.3171, 0.3210



88.6566, 0.3182, 0.3191



89.0818, 0.3128, 0.3432



17.2036, 0.3187, 0.3182



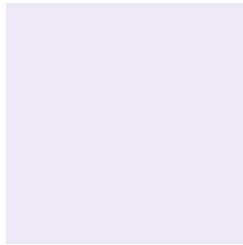
11.5216, 0.4643, 0.2331



1.0332, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 82.5442, 0.3080, 0.3149 looks on a white background.

Color Contrast Check

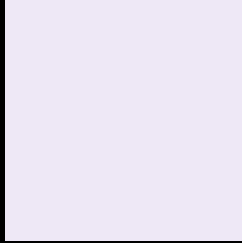
Large Text (above 18pt) WCAG AA × Fail

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 82.5442, 0.3080, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

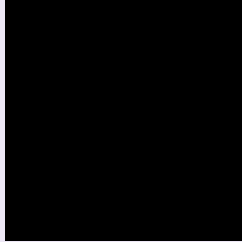
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

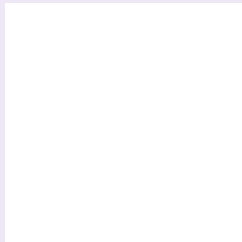
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5442, 0.3080, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 82.5442, 0.3080, 0.3149.



This preview shows how white text looks on a background with the Yxy color 82.5442, 0.3080, 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

82.5442, 0.3080, 0.3149

Protanopia

82.6554, 0.3054, 0.3148

Deuteranopia

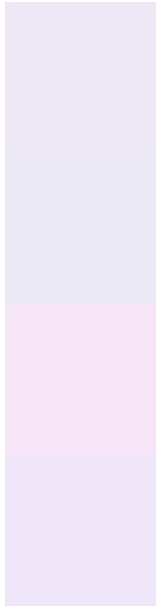
82.1628, 0.3164, 0.3093



Tritanopia

82.4047, 0.3062, 0.3099

Trichromacy



Original Color

82.5442, 0.3080, 0.3149

Protanomaly

82.8261, 0.3061, 0.3148

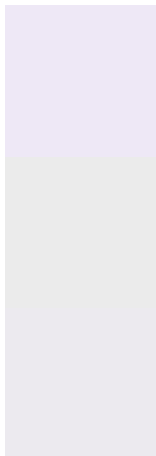
Deuteranomaly

82.3469, 0.3129, 0.3111

Tritanomaly

82.3421, 0.3069, 0.3109

Monochromacy



Original Color

82.5442, 0.3080, 0.3149

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9105, 0.3109, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5442, 0.3080, 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(238, 232, 246)` looks like.

```
.text, #text, p{  
    color:rgb(238, 232, 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(238, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 232, 246) }
```

Border

The CSS property to change the border of an element to Yxy 82.5442, 0.3080, 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(238, 232, 246) }
```

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

```
.border{ border-color:rgb(238, 232, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 232, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 232, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 232, 246);  
box-shadow:4px 4px 4px 4px rgb(238, 232,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5442, 0.3080, 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(238, 232, 246) }
```

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

```
.background{ background-color: rgb(238,  
232, 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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