

Converting Colors

Yxy(82.5818, 0.3085, 0.3188)

Have a look what the booklet for
Yxy(82.5818, 0.3085, 0.3188)
contains.

Yxy(82.5818, 0.3085, 0.3188)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.5818, 0.3085, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	ECE9F3
RGB	236, 233, 243
RGB Percent	93%, 91%, 95%
CMY	0.0745, 0.0863, 0.0469
CMYK	0.03, 0.04, 0.00, 0.05
HSL	258°, 30%, 93%
HSV	258°, 4%, 95%
XYZ	79.9137, 82.5818, 96.5440
YIQ	235.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

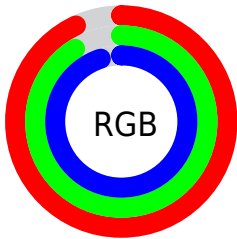
Format	Color
R _{YB}	236, 233, 243
Decimal	15526387
CIE Lab	92.83, 2.82, -4.50
CIE LCh	93, 5.309, 302.036
Yxy	82.5818, 0.3085, 0.3188
Android (android.graphics.Color)	4293716467 (0xFFECE9F3)
YUV	235.0370, 3.9258, 0.8446
Hunter-Lab	90.8745, -2.0602, 0.6232

Details

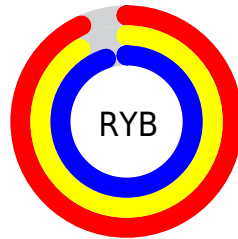
The Yxy color **82.5818, 0.3085, 0.3188** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.5310, 0.3168, 0.3391**, and the grayscale version is **83.0819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7354, 0.3073, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **66.9848, 0.2971, 0.2922**, and if you desaturate by 10%, it is **98.8797, 0.3184, 0.3405**.

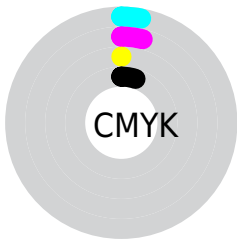
Distribution



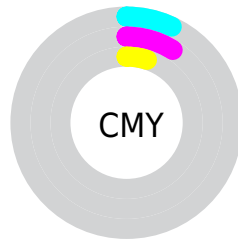
- Red (93%)
- Green (91%)
- Blue (95%)



- Red (93%)
- Yellow (91%)
- Blue (95%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5818, 0.3085, 0.3188 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 82.5818, 0.3085, 0.3188 by changing the saturation by 10% instead.

82.5818, 0.3085,
0.3188

82.5818, 0.3085,
0.3188

503.5917, 0.3104,
0.3234

61.8452, 0.3081,
0.3178

136.9896, 0.3092,
0.3204

44.9076, 0.3075,
0.3165

171.4296, 0.3094,
0.3210

31.3847, 0.3069,
0.3150

211.2062, 0.3096,
0.3215

20.8920, 0.3060,
0.3130

256.7037, 0.3098,
0.3220

13.0450, 0.3049,
0.3103

308.3067, 0.3100,
0.3224

7.4596, 0.3032,
0.3066

366.3994, 0.3102,

3.7511, 0.3007,

0.3228

0.3010

431.3663, 0.3103,
0.3231

■ 1.5353, 0.2965,
0.2917

■ 0.3134, 0.2744,
0.2346

■ 82.5818, 0.3085,
0.3188

■ 82.5818, 0.3085,
0.3188

■ 66.9848, 0.2971,
0.2922

■ 98.8797, 0.3184,
0.3405

■ 53.4719, 0.2841,
0.2630

■ 99.2528, 0.3197,
0.3405

■ 41.9564, 0.2693,
0.2317

■ 32.3414, 0.2532,
0.1992

■ 24.5215, 0.2360,
0.1669

■ 18.3810, 0.2186,
0.1365

■ 13.7903, 0.2019,
0.1101

■ 10.5997, 0.1869,
0.0895

■ 8.6280, 0.1746,
0.0757

Harmonies

Analogous

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



82.5818, 0.3035, 0.3189



82.5818, 0.3085, 0.3188



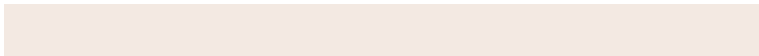
82.5818, 0.3147, 0.3213

Triad

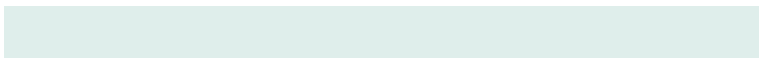
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5818, 0.3085, 0.3188



82.5818, 0.3246, 0.3361



82.5818, 0.3051, 0.3321

Complementary

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



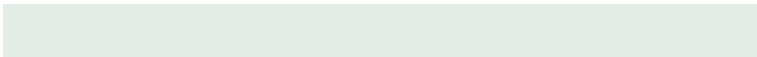
82.5818, 0.3085, 0.3188



88.5310, 0.3168, 0.3391

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.



82.5818, 0.3107, 0.3369



82.5818, 0.3085, 0.3188



82.5818, 0.3220, 0.3392

Square

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



82.5818, 0.3085, 0.3188



82.5818, 0.3240, 0.3313



82.5818, 0.3169, 0.3395



82.5818, 0.3016, 0.3266

Rectangle

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



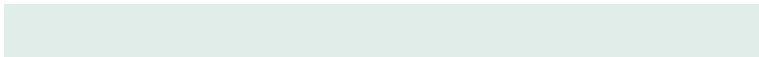
82.5818, 0.3085, 0.3188



82.5818, 0.3186, 0.3242



82.5818, 0.3169, 0.3395



82.5818, 0.3068, 0.3339

Sweetspot

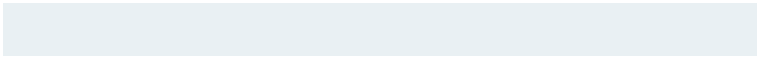
The Sweet Spot groups the original color and five complimentary colors.



82.5853, 0.3085, 0.3188



98.0468, 0.3117, 0.3266



86.2275, 0.3063, 0.3261



21.0066, 0.3118, 0.3267



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.



82.5853, 0.3085, 0.3188



90.4794, 0.3076, 0.3166



83.4265, 0.3117, 0.3189



17.4892, 0.3068, 0.3148



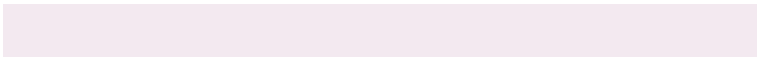
4.3874, 0.1701, 0.0711



0.4368, 0.1832, 0.0783

Inverse Universe

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



83.6306, 0.3151, 0.3220



91.8893, 0.3156, 0.3204



87.6937, 0.3136, 0.3392



17.8019, 0.3160, 0.3192



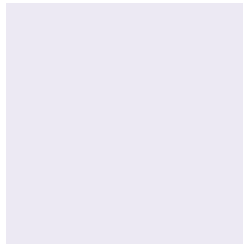
12.0782, 0.4146, 0.2058



1.0797, 0.4000, 0.1977

Previews

White Background



This preview shows how the Yxy color 82.5818, 0.3085, 0.3188 looks on a white background.

Color Contrast Check

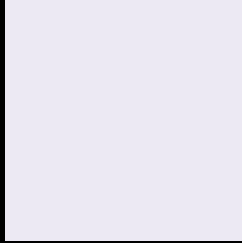
Large Text (above 18pt) WCAG AA × Fail

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 82.5818, 0.3085, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

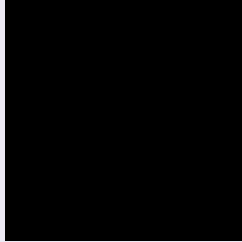
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

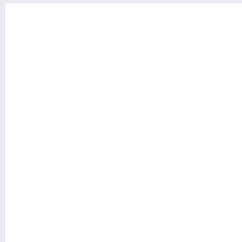
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5818, 0.3085, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 82.5818, 0.3085, 0.3188.

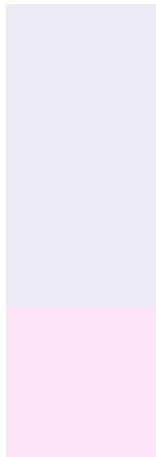


This preview shows how white text looks on a background with the Yxy color 82.5818, 0.3085, 0.3188.

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

82.5818, 0.3085, 0.3188

Protanopia

82.5818, 0.3085, 0.3188

Deuteranopia

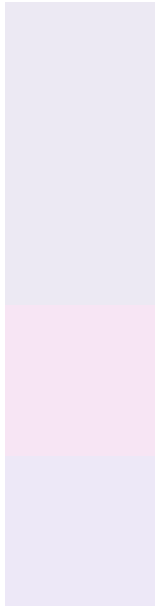
82.3525, 0.3197, 0.3123



Tritanopia

82.6199, 0.3049, 0.3109

Trichromacy



Original Color

82.5818, 0.3085, 0.3188

Protanomaly

82.5818, 0.3085, 0.3188

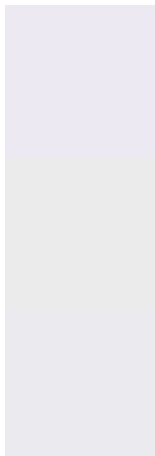
Deuteranomaly

82.3444, 0.3155, 0.3141

Tritanomaly

82.4332, 0.3067, 0.3138

Monochromacy



Original Color

82.5818, 0.3085, 0.3188

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.6809, 0.3109, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5818, 0.3085, 0.3188 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(236, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(236, 233, 243)  
}
```

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(236, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 233, 243) }
```

Border

The CSS property to change the border of an element to Yxy 82.5818, 0.3085, 0.3188 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(236, 233, 243) }
```

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

```
.border{ border-color:rgb(236, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(236, 233,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5818, 0.3085, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 233, 243) }
```

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

```
.background{ background-color: rgb(236,  
233, 243) }
```

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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