

Converting Colors

$Y_{xy}(82.5942, 0.3135, 0.3249)$

Have a look what the booklet for
Yxy(82.5942, 0.3135, 0.3249)
contains.

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Color

Yxy(82.5694, 0.3136, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	EEE9ED
RGB	238, 233, 237
RGB Percent	93%, 91%, 93%
CMY	0.0665, 0.0863, 0.0705
CMYK	0.00, 0.02, 0.00, 0.07
HSL	312°, 13%, 92%
HSV	312°, 2%, 93%
XYZ	79.6976, 82.5694, 91.8708
YIQ	234.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

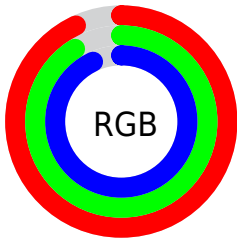
Format	Color
R _{YB}	238, 233, 237
Decimal	15657453
CIE Lab	92.83, 2.41, -1.36
CIE LCh	93, 2.770, 330.633
Yxy	82.5694, 0.3136, 0.3249
Android (android.graphics.Color)	4293847533 (0xFFEEE9ED)
YUV	234.9510, 1.0102, 2.6740
Hunter-Lab	90.8677, -2.4609, 3.6629

Details

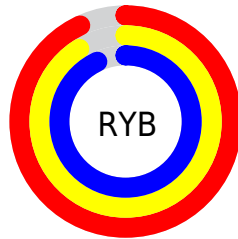
The Yxy color **82.5694, 0.3136, 0.3249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4387, 0.3118, 0.3331**, and the grayscale version is **83.0369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7256, 0.3138, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **69.7140, 0.3182, 0.3050**, and if you desaturate by 10%, it is **96.1068, 0.3098, 0.3420**.

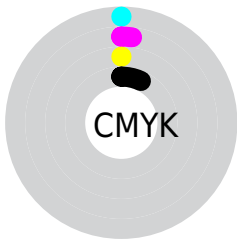
Distribution



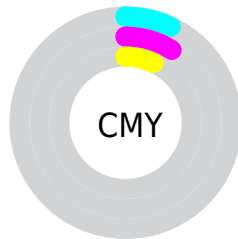
- Red (93%)
- Green (91%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5694, 0.3136, 0.3249 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 82.5694, 0.3136, 0.3249 by changing the saturation by 10% instead.


 82.5694, 0.3136,
0.3249

 82.5694, 0.3136,
0.3249

503.5503, 0.3132,
0.3268

 61.8350, 0.3137,
0.3245

136.9722, 0.3135,
0.3255

 44.8994, 0.3138,
0.3240


171.4094, 0.3134,
0.3258

 31.3782, 0.3139,
0.3233


211.1830, 0.3134,
0.3260

 20.8870, 0.3141,
0.3225

256.6773, 0.3133,
0.3262

 13.0414, 0.3143,
0.3214

308.2768, 0.3133,
0.3264

 7.4571, 0.3146,
0.3199

366.3659, 0.3133,

 3.7496, 0.3151,

0.3265

431.3289, 0.3132,
0.3266

0.3176

■ 1.5345, 0.3159,
0.3137

■ 0.3128, 0.3225,
0.2832

■ 82.5694, 0.3136,
0.3249

■ 82.5694, 0.3136,
0.3249

■ 69.7140, 0.3182,
0.3050

■ 96.1068, 0.3098,
0.3420

■ 58.6084, 0.3235,
0.2846

■ 96.4008, 0.3070,
0.3372

■ 49.1788, 0.3295,
0.2640

■ 96.7025, 0.3043,
0.3324

■ 41.3424, 0.3362,
0.2441

■ 96.9249, 0.3024,
0.3290

■ 35.0092, 0.3435,
0.2257

■ 30.0801, 0.3513,
0.2100

■ 26.4444, 0.3594,
0.1978

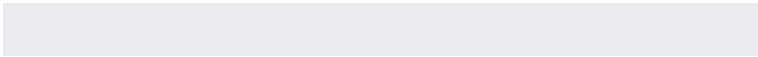
■ 23.9742, 0.3675,
0.1900

■ 22.5160, 0.3752,
0.1870

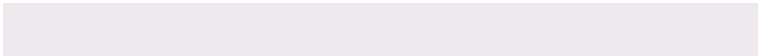
Harmonies

Analogous

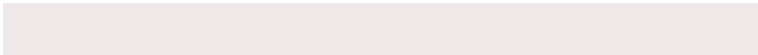
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5694, 0.3104, 0.3236



82.5694, 0.3136, 0.3249



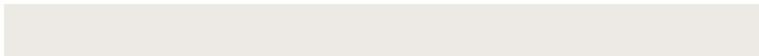
82.5694, 0.3166, 0.3273

Triad

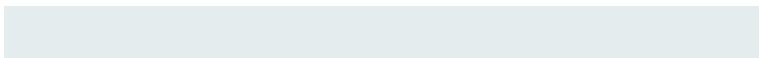
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5694, 0.3136, 0.3249



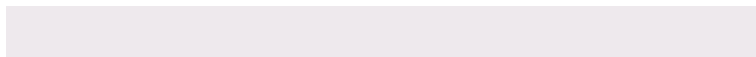
82.5694, 0.3177, 0.3343



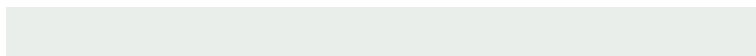
82.5694, 0.3069, 0.3279

Complementary

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



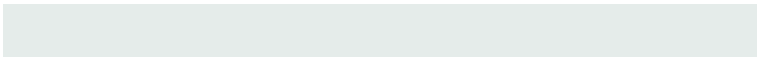
82.5694, 0.3136, 0.3249



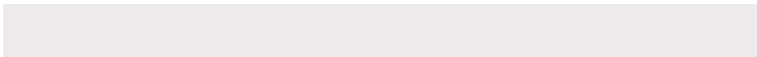
84.4387, 0.3118, 0.3331

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.



82.5694, 0.3089, 0.3308



82.5694, 0.3136, 0.3249



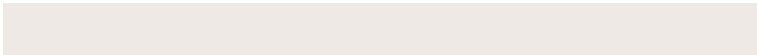
82.5694, 0.3150, 0.3345

Square

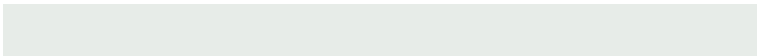
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



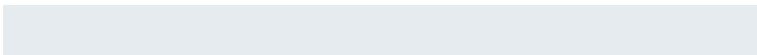
82.5694, 0.3136, 0.3249



82.5694, 0.3189, 0.3327



82.5694, 0.3118, 0.3332



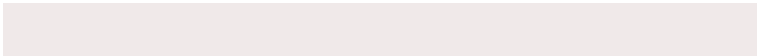
82.5694, 0.3066, 0.3253

Rectangle

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



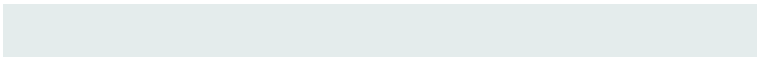
82.5694, 0.3136, 0.3249



82.5694, 0.3181, 0.3291



82.5694, 0.3118, 0.3332



82.5694, 0.3074, 0.3289

Sweetspot

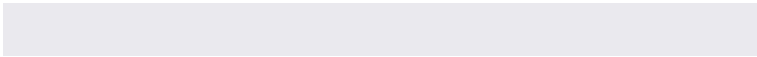
The Sweet Spot groups the original color and five complimentary colors.



82.5730, 0.3136, 0.3249



98.3505, 0.3131, 0.3271



81.9409, 0.3102, 0.3238



21.0684, 0.3131, 0.3272



0.0000, 0.0000, 0.0000



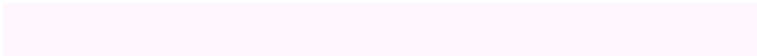
21.4041, 0.3127, 0.3290

Same Dimension

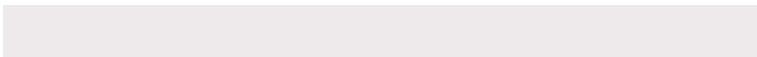
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5730, 0.3136, 0.3249



95.1162, 0.3140, 0.3232



82.4271, 0.3152, 0.3275



17.5855, 0.3143, 0.3217



12.2266, 0.3800, 0.1867



1.0309, 0.3707, 0.1816

Inverse Universe

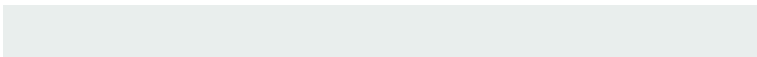
The Inverse Universe completely reimagines the original color for something new.



82.5730, 0.3136, 0.3249



95.1162, 0.3140, 0.3232



84.5841, 0.3103, 0.3305



17.5855, 0.3143, 0.3217



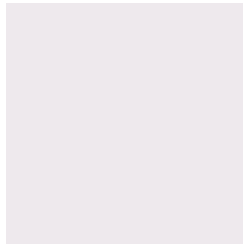
12.2266, 0.3800, 0.1867



1.0309, 0.3707, 0.1816

Previews

White Background



This preview shows how the Yxy color 82.5694, 0.3136, 0.3249 looks on a white background.

Color Contrast Check

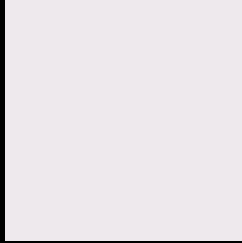
Large Text (above 18pt) WCAG AA × Fail

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 82.5694, 0.3136, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

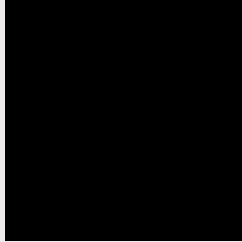
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

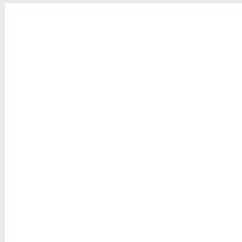
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5694, 0.3136, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 82.5694, 0.3136, 0.3249.

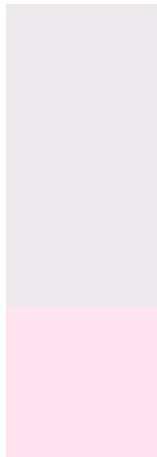


This preview shows how white text looks on a background with the Yxy color 82.5694, 0.3136, 0.3249.

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

82.5694, 0.3136, 0.3249

Protanopia

82.5694, 0.3136, 0.3249

Deuteranopia

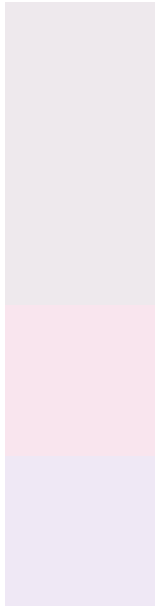
82.3712, 0.3250, 0.3182



Tritanopia

82.5166, 0.3075, 0.3109

Trichromacy



Original Color

82.5694, 0.3136, 0.3249

Protanomaly

82.5694, 0.3136, 0.3249

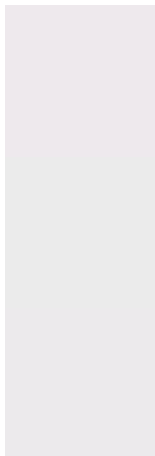
Deuteranomaly

82.3514, 0.3207, 0.3201

Tritanomaly

82.6565, 0.3093, 0.3159

Monochromacy



Original Color

82.5694, 0.3136, 0.3249

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7346, 0.3128, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5694, 0.3136, 0.3249 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, 233, 237)` looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 237)  
}
```

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, 233, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 237) }
```

Border

The CSS property to change the border of an element to Yxy 82.5694, 0.3136, 0.3249 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, 233, 237) }
```

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

```
.border{ border-color:rgb(238, 233, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 233, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 237);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5694, 0.3136, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 233, 237) }
```

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

```
.background{ background-color: rgb(238,  
233, 237) }
```

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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