

Converting Colors

Yxy(86.3890, 0.3149, 0.3240)

Have a look what the booklet for
Yxy(86.3890, 0.3149, 0.3240)
contains.

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Color

Yxy(86.3917, 0.3149, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	F5EDF2
RGB	245, 237, 242
RGB Percent	96%, 93%, 95%
CMY	0.0393, 0.0705, 0.0508
CMYK	0.00, 0.03, 0.01, 0.04
HSL	322°, 28%, 95%
HSV	322°, 3%, 96%
XYZ	83.9653, 86.3917, 96.2841
YIQ	239.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

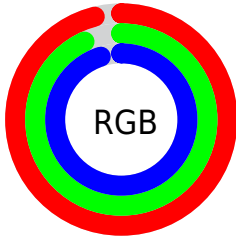
Format	Color
R _Y B	245, 237, 242
Decimal	16117234
CIE Lab	94.48, 3.55, -1.49
CIE LCh	94, 3.853, 337.317
Yxy	86.3917, 0.3149, 0.3240
Android (android.graphics.Color)	4294307314 (0xFFF5EDF2)
YUV	239.9620, 1.0047, 4.4183
Hunter-Lab	92.9471, -1.4067, 3.6444

Details

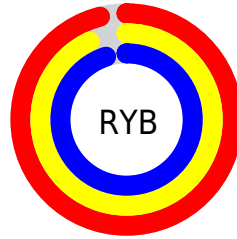
The Yxy color **86.3917, 0.3149, 0.3240** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.5844, 0.3106, 0.3341**, and the grayscale version is **87.0980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4117, 0.3156, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **72.6354, 0.3225, 0.3081**, and if you desaturate by 10%, it is **97.8975, 0.3088, 0.3328**.

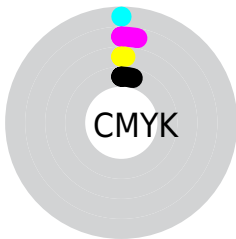
Distribution



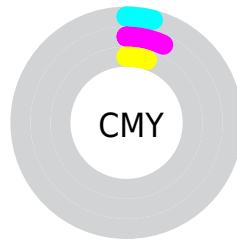
- Red (96%)
- Green (93%)
- Blue (95%)



- Red (96%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3917, 0.3149, 0.3240 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 86.3917, 0.3149, 0.3240 by changing the saturation by 10% instead.


 86.3917, 0.3149,
0.3240

 86.3917, 0.3149,
0.3240


516.2219, 0.3139,
0.3262

 64.9919, 0.3151,
0.3235

142.3160, 0.3146,
0.3248

 47.4545, 0.3154,
0.3229

177.6093, 0.3144,
0.3251

 33.3951, 0.3157,
0.3221


218.3025, 0.3143,
0.3253

 22.4293, 0.3161,
0.3212

264.7801, 0.3142,
0.3256

 14.1727, 0.3167,
0.3199

317.4264, 0.3141,
0.3258

 8.2409, 0.3174,
0.3181

376.6259, 0.3141,

 4.2495, 0.3186,

0.3259

442.7630, 0.3140,
0.3261

0.3155

1.8141, 0.3204,
0.3112

0.4959, 0.3287,
0.2921

86.3917, 0.3149,
0.3240

86.3917, 0.3149,
0.3240

72.6354, 0.3225,
0.3081

97.8975, 0.3088,
0.3328

60.7616, 0.3314,
0.2915

98.1481, 0.3066,
0.3290

50.6903, 0.3420,
0.2747

42.3314, 0.3542,
0.2584

■ 35.5871, 0.3680,
0.2435

■ 30.3494, 0.3833,
0.2309

■ 26.4974, 0.3996,
0.2220

■ 23.8908, 0.4164,
0.2178

■ 22.3598, 0.4330,
0.2188

Harmonies

Analogous

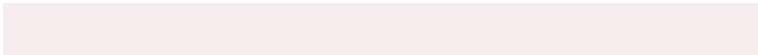
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3917, 0.3105, 0.3219



86.3917, 0.3149, 0.3240



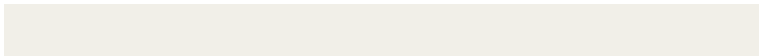
86.3917, 0.3188, 0.3274

Triad

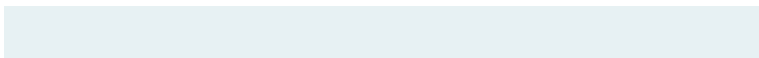
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3917, 0.3149, 0.3240



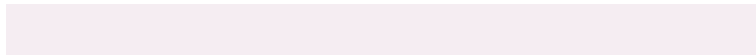
86.3917, 0.3188, 0.3365



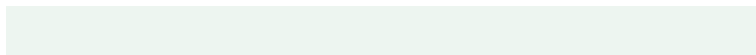
86.3917, 0.3045, 0.3266

Complementary

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



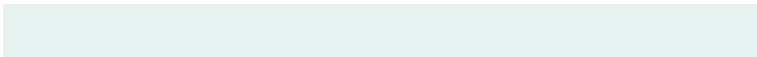
86.3917, 0.3149, 0.3240



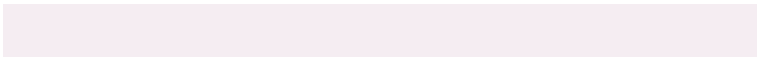
89.5844, 0.3106, 0.3341

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.



86.3917, 0.3067, 0.3306



86.3917, 0.3149, 0.3240



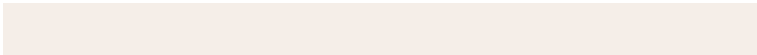
86.3917, 0.3149, 0.3363

Square

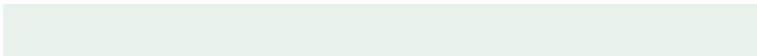
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



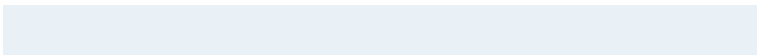
86.3917, 0.3149, 0.3240



86.3917, 0.3210, 0.3346



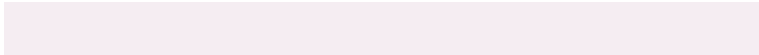
86.3917, 0.3105, 0.3341



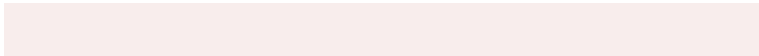
86.3917, 0.3045, 0.3234

Rectangle

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



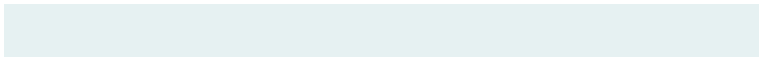
86.3917, 0.3149, 0.3240



86.3917, 0.3205, 0.3300



86.3917, 0.3105, 0.3341



86.3917, 0.3050, 0.3279

Sweetspot

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



86.3954, 0.3149, 0.3240



98.3234, 0.3134, 0.3275



85.6784, 0.3098, 0.3210



21.0629, 0.3133, 0.3275



0.0000, 0.0000, 0.0000



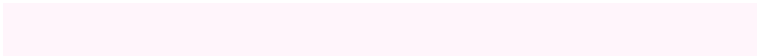
21.4041, 0.3127, 0.3290

Same Dimension

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



86.3954, 0.3149, 0.3240



93.4241, 0.3154, 0.3228



86.1595, 0.3174, 0.3280



18.0818, 0.3159, 0.3217



11.7549, 0.4414, 0.2205



1.0529, 0.4222, 0.2100

Inverse Universe

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



86.3954, 0.3149, 0.3240



93.4241, 0.3154, 0.3228



89.8227, 0.3082, 0.3301



18.0818, 0.3159, 0.3217



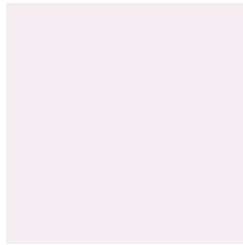
11.7549, 0.4414, 0.2205



1.0529, 0.4222, 0.2100

Previews

White Background



This preview shows how the Yxy color 86.3917, 0.3149, 0.3240 looks on a white background.

Color Contrast Check

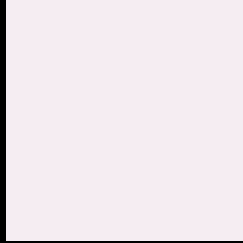
Large Text (above 18pt) WCAG AA × Fail

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 86.3917, 0.3149, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

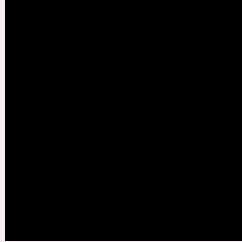
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

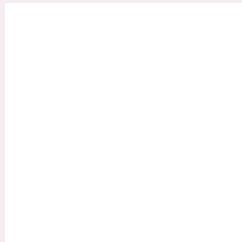
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3917, 0.3149, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 86.3917, 0.3149, 0.3240.

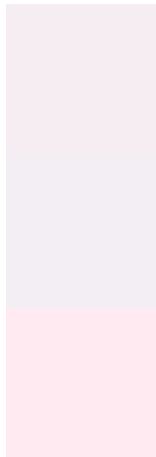


This preview shows how white text looks on a background with the Yxy color 86.3917, 0.3149, 0.3240.

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

86.3917, 0.3149, 0.3240

Protanopia

86.4974, 0.3123, 0.3240

Deuteranopia

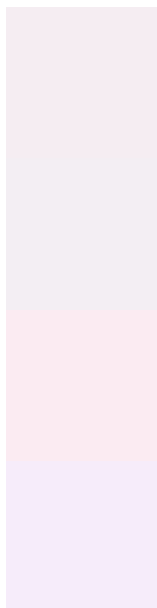
86.5164, 0.3219, 0.3212



Tritanopia

86.3466, 0.3090, 0.3104

Trichromacy



Original Color

86.3917, 0.3149, 0.3240

Protanomaly

86.6748, 0.3129, 0.3240

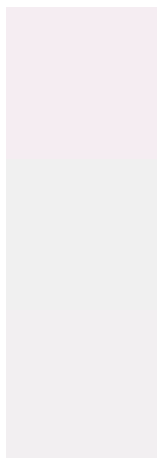
Deuteranomaly

86.3367, 0.3191, 0.3221

Tritanomaly

86.4859, 0.3107, 0.3152

Monochromacy



Original Color

86.3917, 0.3149, 0.3240

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.9611, 0.3135, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3917, 0.3149, 0.3240 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, 237, 242)` looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 242)  
}
```

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, 237, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 242) }
```

Border

The CSS property to change the border of an element to Yxy 86.3917, 0.3149, 0.3240 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, 237, 242) }
```

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

```
.border{ border-color:rgb(245, 237, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 237, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3917, 0.3149, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 242) }
```

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

```
.background{ background-color: rgb(245,  
237, 242) }
```

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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