

Converting Colors

Yxy(86.5181, 0.3145, 0.3234)

Have a look what the booklet for
Yxy(86.5181, 0.3145, 0.3234)
contains.

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Color

Yxy(86.4519, 0.3143, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	F5EDF3
RGB	245, 237, 243
RGB Percent	96%, 93%, 95%
CMY	0.0392, 0.0706, 0.0469
CMYK	0.00, 0.03, 0.01, 0.04
HSL	315°, 29%, 95%
HSV	315°, 3%, 96%
XYZ	84.1233, 86.4519, 97.0777
YIQ	240.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

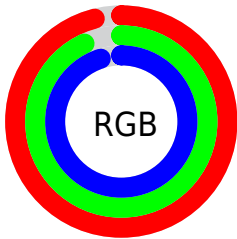
Format	Color
R _Y B	245, 237, 243
Decimal	16117235
CIE Lab	94.51, 3.74, -1.97
CIE LCh	95, 4.230, 332.284
Yxy	86.4519, 0.3143, 0.3230
Android (android.graphics.Color)	4294307315 (0xFFFF5EDF3)
YUV	240.0760, 1.4415, 4.3183
Hunter-Lab	92.9795, -1.2161, 3.1824

Details

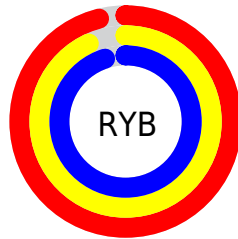
The Yxy color **86.4519, 0.3143, 0.3230** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.5418, 0.3112, 0.3351**, and the grayscale version is **87.1912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4544, 0.3148, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **72.8669, 0.3197, 0.3041**, and if you desaturate by 10%, it is **97.7760, 0.3099, 0.3348**.

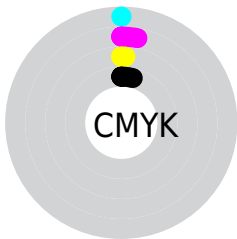
Distribution



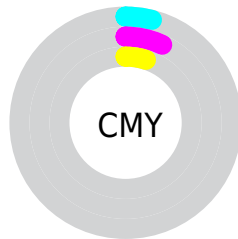
- Red (96%)
- Green (93%)
- Blue (95%)



- 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 86.4519, 0.3143, 0.3230 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 86.4519, 0.3143, 0.3230 by changing the saturation by 10% instead.


 86.4519, 0.3143,
0.3230

 86.4519, 0.3143,
0.3230

516.4201, 0.3136,
0.3257

 65.0417, 0.3145,
0.3224


142.3999, 0.3141,
0.3239

 47.4949, 0.3146,
0.3217


177.7066, 0.3140,
0.3243

 33.4271, 0.3149,
0.3208


218.4142, 0.3139,
0.3246

 22.4538, 0.3152,
0.3196

264.9071, 0.3138,
0.3249

 14.1907, 0.3156,
0.3181

317.5698, 0.3138,
0.3251

 8.2534, 0.3161,
0.3160

376.7866, 0.3137,

 4.2575, 0.3169,

0.3253

0.3128

442.9419, 0.3136,
0.3255

■ 1.8186, 0.3182,
0.3077

■ 0.4988, 0.3241,
0.2858

■ 86.4519, 0.3143,
0.3230

■ 86.4519, 0.3143,
0.3230

■ 72.8669, 0.3197,
0.3041

■ 97.7760, 0.3099,
0.3348

■ 61.1502, 0.3260,
0.2845

■ 98.1532, 0.3066,
0.3290

■ 51.2219, 0.3332,
0.2649

■ 42.9924, 0.3413,
0.2459

■ 36.3639, 0.3503,
0.2285

■ 31.2288, 0.3599,
0.2138

■ 27.4663, 0.3699,
0.2027

■ 24.9366, 0.3800,
0.1962

■ 23.4700, 0.3898,
0.1945

Harmonies

Analogous

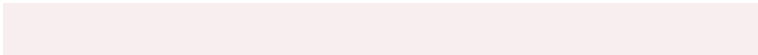
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4519, 0.3095, 0.3210



86.4519, 0.3143, 0.3230



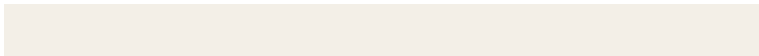
86.4519, 0.3188, 0.3266

Triad

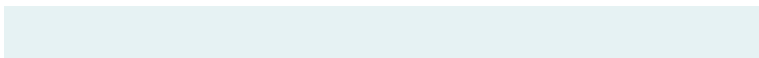
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4519, 0.3143, 0.3230



86.4519, 0.3200, 0.3370



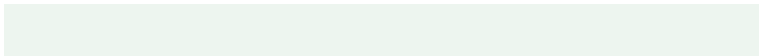
86.4519, 0.3039, 0.3271

Complementary

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



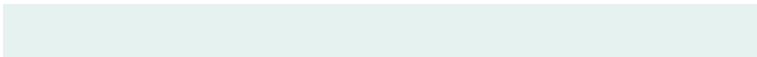
86.4519, 0.3143, 0.3230



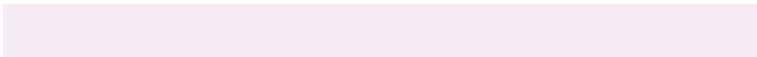
89.5418, 0.3112, 0.3351

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.



86.4519, 0.3067, 0.3314



86.4519, 0.3143, 0.3230



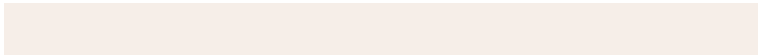
86.4519, 0.3160, 0.3372

Square

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



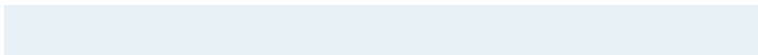
86.4519, 0.3143, 0.3230



86.4519, 0.3220, 0.3347



86.4519, 0.3111, 0.3352



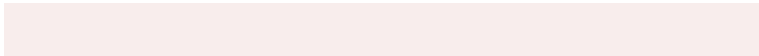
86.4519, 0.3035, 0.3233

Rectangle

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



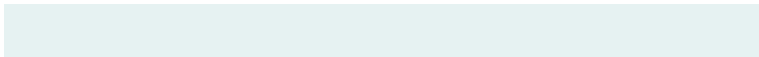
86.4519, 0.3143, 0.3230



86.4519, 0.3209, 0.3294



86.4519, 0.3111, 0.3352



86.4519, 0.3046, 0.3285

Sweetspot

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



86.4556, 0.3143, 0.3230



98.3436, 0.3132, 0.3272



85.4896, 0.3091, 0.3210



21.0670, 0.3132, 0.3273



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.



86.4556, 0.3143, 0.3230



93.5037, 0.3147, 0.3216



86.2221, 0.3167, 0.3269



18.1003, 0.3150, 0.3203



12.3654, 0.3947, 0.1948



1.1030, 0.3834, 0.1886

Inverse Universe

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



86.4556, 0.3143, 0.3230



93.5037, 0.3147, 0.3216



89.7751, 0.3089, 0.3311



18.1003, 0.3150, 0.3203



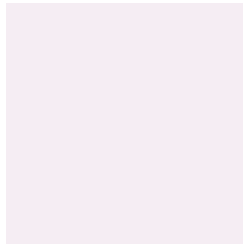
12.3654, 0.3947, 0.1948



1.1030, 0.3834, 0.1886

Previews

White Background



This preview shows how the Yxy color 86.4519, 0.3143, 0.3230 looks on a white background.

Color Contrast Check

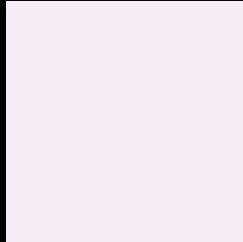
Large Text (above 18pt) WCAG AA × Fail

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 86.4519, 0.3143, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

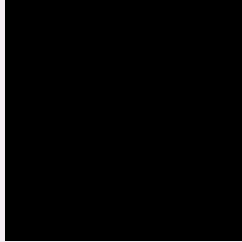
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

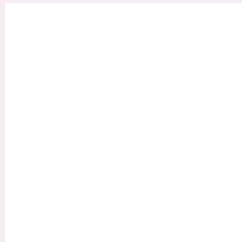
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4519, 0.3143, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 86.4519, 0.3143, 0.3230.

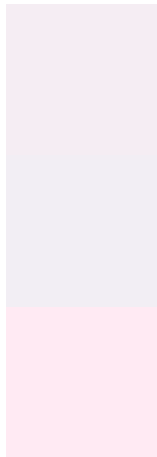


This preview shows how white text looks on a background with the Yxy color 86.4519, 0.3143, 0.3230.

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

86.4519, 0.3143, 0.3230

Protanopia

86.5580, 0.3117, 0.3230

Deuteranopia

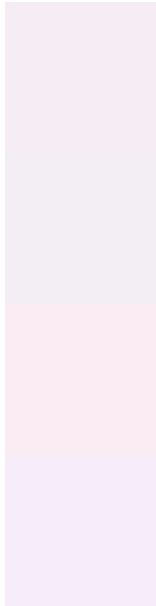
86.5767, 0.3212, 0.3202



Tritanopia

86.3466, 0.3090, 0.3104

Trichromacy



Original Color

86.4519, 0.3143, 0.3230

Protanomaly

86.7354, 0.3123, 0.3230

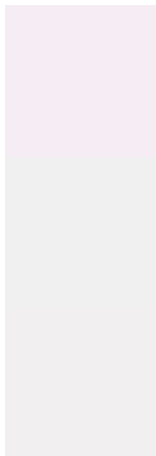
Deuteranomaly

86.3970, 0.3184, 0.3212

Tritanomaly

86.4859, 0.3107, 0.3152

Monochromacy



Original Color

86.4519, 0.3143, 0.3230

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 86.4519, 0.3143, 0.3230 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 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(245, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 243) }
```

Border

The CSS property to change the border of an element to Yxy 86.4519, 0.3143, 0.3230 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, 243) }
```

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

```
.border{ border-color:rgb(245, 237, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4519, 0.3143, 0.3230 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, 243) }
```

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

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