

Converting Colors

Yxy(85.9746, 0.3139, 0.3347)

Have a look what the booklet for
Yxy(85.9746, 0.3139, 0.3347)
contains.

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Color

Yxy(86.0936, 0.3137, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	ECF0EA
RGB	236, 240, 234
RGB Percent	93%, 94%, 92%
CMY	0.0747, 0.0588, 0.0823
CMYK	0.02, 0.00, 0.02, 0.06
HSL	101°, 17%, 93%
HSV	101°, 2%, 94%
XYZ	80.5955, 86.0936, 90.2300
YIQ	238.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

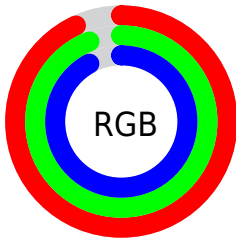
Format	Color
R_{YB}	234, 240, 238
Decimal	15528170
CIE Lab	94.35, -2.40, 2.41
CIE LCh	94, 3.400, 134.964
Yxy	86.0936, 0.3137, 0.3351
Android (android.graphics.Color)	4293718250 (0xFFE0F0EA)
YUV	238.1200, -2.0312, -1.8592
Hunter-Lab	92.7866, -7.3295, 7.2943

Details

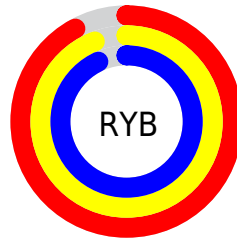
The Yxy color **86.0936, 0.3137, 0.3351** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.3443, 0.3117, 0.3229**, and the grayscale version is **85.6131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1986, 0.3140, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **82.1526, 0.3176, 0.3612**, and if you desaturate by 10%, it is **90.2858, 0.3116, 0.3145**.

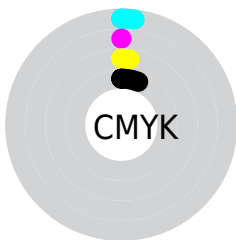
Distribution



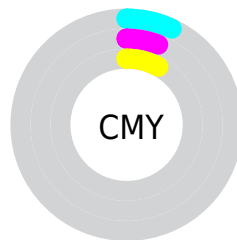
- Red (93%)
- Green (94%)
- Blue (92%)



- Red (92%)
- Yellow (94%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)




- Cyan (7%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0936, 0.3137, 0.3351 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 86.0936, 0.3137, 0.3351 by changing the saturation by 10% instead.

 86.0936, 0.3137,
0.3351

 86.0936, 0.3137,
0.3351


515.2398, 0.3133,
0.3324

 64.7454, 0.3138,
0.3357


141.9001, 0.3136,
0.3342

 47.2546, 0.3139,
0.3365


177.1272, 0.3135,
0.3338

 33.2370, 0.3141,
0.3374


217.7493, 0.3134,
0.3335

 22.3081, 0.3142,
0.3386

264.1509, 0.3134,
0.3332

 14.0834, 0.3145,
0.3402

316.7163, 0.3134,
0.3329

 8.1787, 0.3148,
0.3425

375.8300, 0.3133,

 4.2095, 0.3153,

0.3327

0.3459

441.8764, 0.3133,
0.3325

■ 1.7914, 0.3161,
0.3516

■ 0.4818, 0.3227,
0.3893

■ 86.0936, 0.3137,
0.3351

■ 86.0936, 0.3137,
0.3351

■ 82.1526, 0.3176,
0.3612

■ 90.2858, 0.3116,
0.3145

■ 78.6339, 0.3213,
0.3900

■ 90.8096, 0.3134,
0.3146

■ 75.5264, 0.3245,
0.4209

■ 72.8140, 0.3269,
0.4532

■ 70.4798, 0.3283,
0.4856

■ 68.5055, 0.3283,
0.5164

■ 66.8709, 0.3268,
0.5436

■ 65.5537, 0.3236,
0.5654

■ 64.5280, 0.3190,
0.5806

Harmonies

Analogous

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



86.0936, 0.3173, 0.3357



86.0936, 0.3137, 0.3351



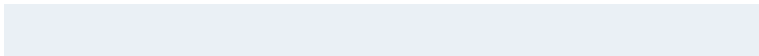
86.0936, 0.3098, 0.3328

Triad

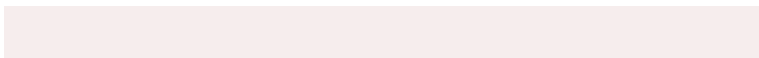
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0936, 0.3137, 0.3351



86.0936, 0.3058, 0.3235



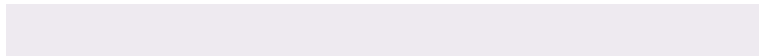
86.0936, 0.3187, 0.3285

Complementary

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



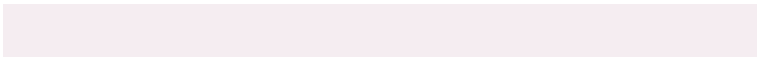
86.0936, 0.3137, 0.3351



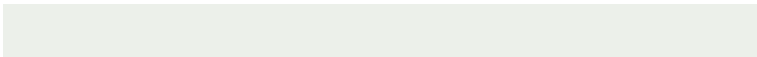
83.3443, 0.3117, 0.3229

Split Complementary

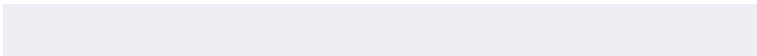
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0936, 0.3156, 0.3253



86.0936, 0.3137, 0.3351



86.0936, 0.3081, 0.3224

Square

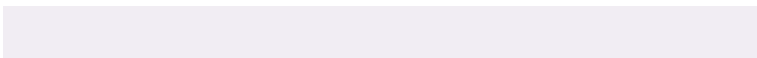
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



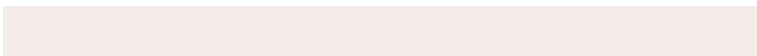
86.0936, 0.3137, 0.3351



86.0936, 0.3053, 0.3261



86.0936, 0.3117, 0.3230



86.0936, 0.3203, 0.3319

Rectangle

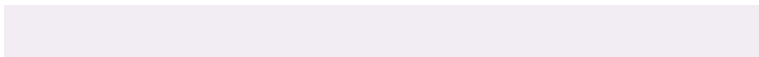
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



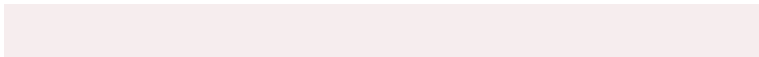
86.0936, 0.3137, 0.3351



86.0936, 0.3076, 0.3307



86.0936, 0.3117, 0.3230



86.0936, 0.3178, 0.3274

Sweetspot

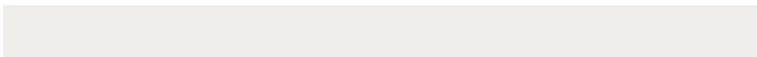
The Sweet Spot groups the original color and five complimentary colors.



86.0973, 0.3137, 0.3351



99.5107, 0.3131, 0.3314



85.6304, 0.3165, 0.3331



21.3045, 0.3131, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

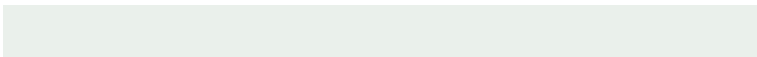
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0973, 0.3137, 0.3351



98.5473, 0.3139, 0.3364



85.8260, 0.3118, 0.3341



18.3904, 0.3142, 0.3383



35.0516, 0.3162, 0.5872



2.9676, 0.3261, 0.5793

Inverse Universe

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



83.3443, 0.3117, 0.3229



94.7508, 0.3115, 0.3217



83.6215, 0.3136, 0.3240



17.4995, 0.3112, 0.3197



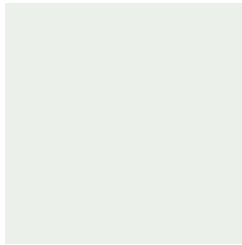
7.7573, 0.2409, 0.1101



0.6987, 0.2516, 0.1160

Previews

White Background



This preview shows how the Yxy color 86.0936, 0.3137, 0.3351 looks on a white background.

Color Contrast Check

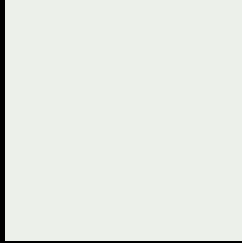
Large Text (above 18pt) WCAG AA × Fail

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 86.0936, 0.3137, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

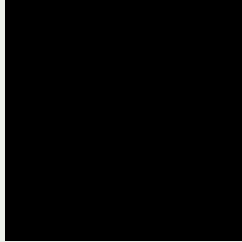
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

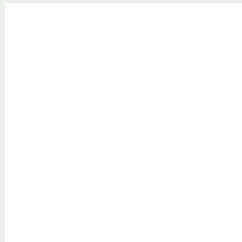
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0936, 0.3137, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 86.0936, 0.3137, 0.3351.

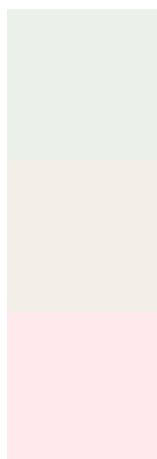


This preview shows how white text looks on a background with the Yxy color 86.0936, 0.3137, 0.3351.

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

86.0936, 0.3137, 0.3351

Protanopia

86.2654, 0.3198, 0.3340

Deuteranopia

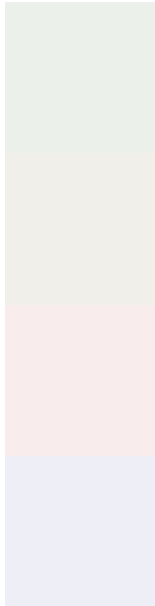
85.6523, 0.3252, 0.3251



Tritanopia

86.1391, 0.3031, 0.3111

Trichromacy



Original Color

86.0936, 0.3137, 0.3351

Protanomaly

86.3170, 0.3177, 0.3351

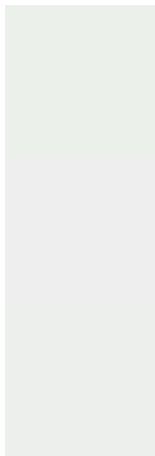
Deuteranomaly

86.0035, 0.3208, 0.3290

Tritanomaly

86.0416, 0.3072, 0.3200

Monochromacy



Original Color

86.0936, 0.3137, 0.3351

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.8520, 0.3126, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0936, 0.3137, 0.3351 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, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 240, 234)  
}
```

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, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 240, 234) }
```

Border

The CSS property to change the border of an element to Yxy 86.0936, 0.3137, 0.3351 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, 240, 234) }
```

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

```
.border{ border-color:rgb(236, 240, 234) }
```

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

Here you see how a box with a 4 pixel rgb(236, 240, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 240,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0936, 0.3137, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 240, 234) }
```

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

```
.background{ background-color: rgb(236,  
240, 234) }
```

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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