

Converting Colors

Yxy(86.0549, 0.3150, 0.3408)

Have a look what the booklet for
Yxy(86.0549, 0.3150, 0.3408)
contains.

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Color

Yxy(86.1162, 0.3148, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	EAF1E6
RGB	234, 241, 230
RGB Percent	92%, 95%, 90%
CMY	0.0824, 0.0548, 0.0981
CMYK	0.03, 0.00, 0.05, 0.05
HSL	98°, 28%, 92%
HSV	98°, 5%, 95%
XYZ	79.6632, 86.1162, 87.2803
YIQ	237.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

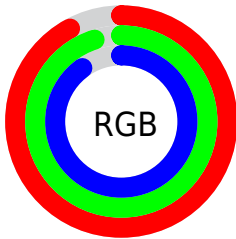
Format	Color
R _Y B	230, 241, 237
Decimal	15397350
CIE Lab	94.36, -4.28, 4.49
CIE LCh	94, 6.202, 133.590
Yxy	86.1162, 0.3148, 0.3403
Android (android.graphics.Color)	4293587430 (0xFFEAF1E6)
YUV	237.6530, -3.7729, -3.2037
Hunter-Lab	92.7988, -9.1645, 9.1950

Details

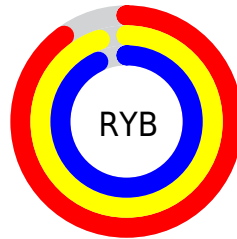
The Yxy color **86.1162, 0.3148, 0.3403** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.9513, 0.3105, 0.3178**, and the grayscale version is **85.2474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2580, 0.3146, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **82.3660, 0.3193, 0.3669**, and if you desaturate by 10%, it is **90.2873, 0.3102, 0.3163**.

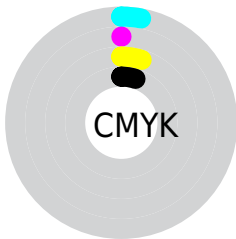
Distribution



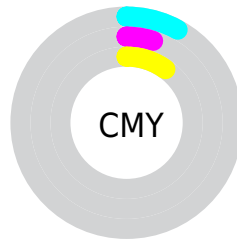
- Red (92%)
- Green (95%)
- Blue (90%)



- Red (90%)
- Yellow (95%)
- Blue (93%)



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





- Cyan (8%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1162, 0.3148, 0.3403 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 86.1162, 0.3148, 0.3403 by changing the saturation by 10% instead.


 86.1162, 0.3148,
0.3403

 86.1162, 0.3148,
0.3403


515.3143, 0.3139,
0.3352

 64.7641, 0.3150,
0.3414


141.9316, 0.3145,
0.3386

 47.2698, 0.3152,
0.3428


177.1637, 0.3144,
0.3379

 33.2490, 0.3155,
0.3446


217.7912, 0.3143,
0.3373

 22.3173, 0.3159,
0.3468

264.1986, 0.3142,
0.3368

 14.0902, 0.3164,
0.3499

316.7702, 0.3141,
0.3363

 8.1834, 0.3171,
0.3541

375.8904, 0.3140,

 4.2125, 0.3181,

0.3359

0.3606

441.9436, 0.3139,
0.3355

■ 1.7932, 0.3196,
0.3714

■ 0.4829, 0.3380,
0.4603

■ 86.1162, 0.3148,
0.3403

■ 86.1162, 0.3148,
0.3403

■ 82.3660, 0.3193,
0.3669

■ 90.2873, 0.3102,
0.3163

■ 79.0121, 0.3235,
0.3959

■ 91.3985, 0.3133,
0.3156

■ 76.0442, 0.3272,
0.4268

■ 73.4472, 0.3301,
0.4588

■ 71.2051, 0.3317,
0.4905

■ 69.3004, 0.3318,
0.5202

■ 67.7141, 0.3302,
0.5459

■ 66.4246, 0.3267,
0.5662

■ 65.4068, 0.3218,
0.5798

Harmonies

Analogous

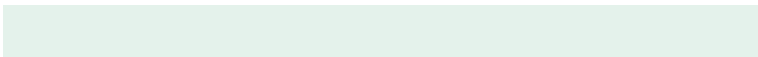
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1162, 0.3214, 0.3413



86.1162, 0.3148, 0.3403



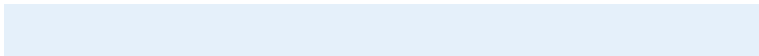
86.1162, 0.3077, 0.3362

Triad

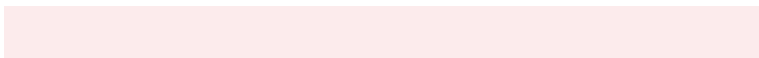
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1162, 0.3148, 0.3403



86.1162, 0.2999, 0.3191



86.1162, 0.3235, 0.3278

Complementary

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



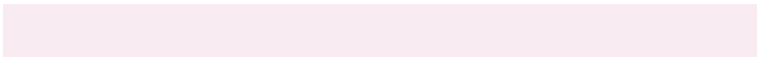
86.1162, 0.3148, 0.3403



80.9513, 0.3105, 0.3178

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.



86.1162, 0.3177, 0.3220



86.1162, 0.3148, 0.3403



86.1162, 0.3040, 0.3170

Square

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



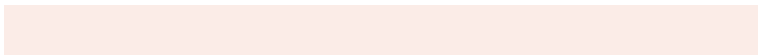
86.1162, 0.3148, 0.3403



86.1162, 0.2992, 0.3239



86.1162, 0.3105, 0.3181



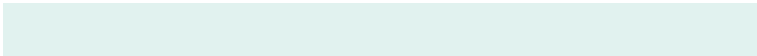
86.1162, 0.3265, 0.3339

Rectangle

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



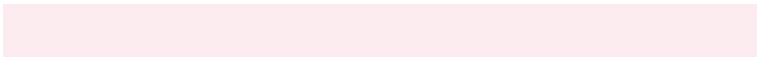
86.1162, 0.3148, 0.3403



86.1162, 0.3037, 0.3323



86.1162, 0.3105, 0.3181



86.1162, 0.3218, 0.3257

Sweetspot

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



86.1199, 0.3148, 0.3403



99.5294, 0.3132, 0.3314



84.9685, 0.3198, 0.3361



21.3083, 0.3132, 0.3313



0.0000, 0.0000, 0.0000



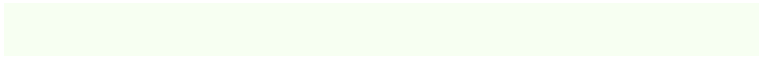
21.4041, 0.3127, 0.3290

Same Dimension

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



86.1199, 0.3148, 0.3403



97.6945, 0.3150, 0.3414



85.5361, 0.3113, 0.3389



18.2439, 0.3153, 0.3431



35.2864, 0.3200, 0.5841



2.9897, 0.3301, 0.5761

Inverse Universe

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



80.9513, 0.3105, 0.3178



91.2694, 0.3103, 0.3167



81.5574, 0.3142, 0.3193



16.8860, 0.3100, 0.3150



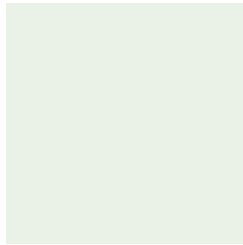
7.2413, 0.2319, 0.1051



0.6583, 0.2436, 0.1116

Previews

White Background



This preview shows how the Yxy color 86.1162, 0.3148, 0.3403 looks on a white background.

Color Contrast Check

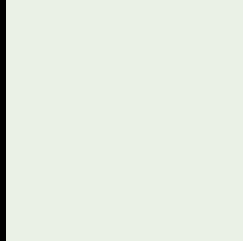
Large Text (above 18pt) WCAG AA × Fail

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 86.1162, 0.3148, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

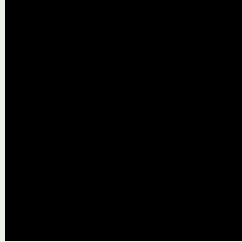
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

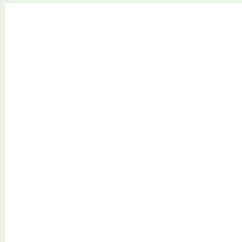
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1162, 0.3148, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 86.1162, 0.3148, 0.3403.

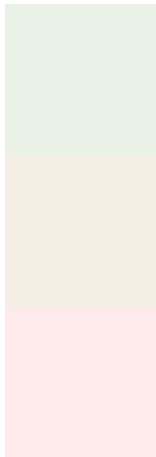


This preview shows how white text looks on a background with the Yxy color 86.1162, 0.3148, 0.3403.

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

86.1162, 0.3148, 0.3403

Protanopia

86.1630, 0.3236, 0.3391

Deuteranopia

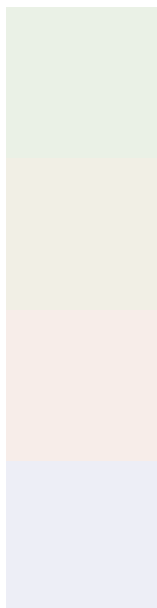
86.1038, 0.3264, 0.3281



Tritanopia

85.9655, 0.3025, 0.3111

Trichromacy



Original Color

86.1162, 0.3148, 0.3403

Protanomaly

86.0909, 0.3202, 0.3392

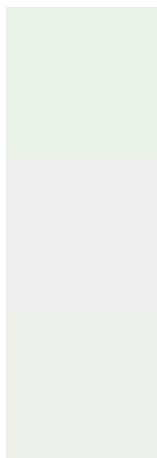
Deuteranomaly

86.2257, 0.3219, 0.3330

Tritanomaly

85.8074, 0.3072, 0.3209

Monochromacy



Original Color

86.1162, 0.3148, 0.3403

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.7357, 0.3138, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1162, 0.3148, 0.3403 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(234, 241, 230)` looks like.

```
.text, #text, p{  
    color:rgb(234, 241, 230)  
}
```

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(234, 241, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 241, 230) }
```

Border

The CSS property to change the border of an element to Yxy 86.1162, 0.3148, 0.3403 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(234, 241, 230) }
```

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

```
.border{ border-color:rgb(234, 241, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 241, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 241, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 241, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 241,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1162, 0.3148, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 241, 230) }
```

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

```
.background{ background-color: rgb(234,  
241, 230) }
```

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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