

Converting Colors

Yxy(86.9274, 0.3091, 0.3446)

Have a look what the booklet for
Yxy(86.9274, 0.3091, 0.3446)
contains.

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Color

Yxy(87.0255, 0.3088, 0.3446)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1F5E6 |
| RGB | 225, 245, 230 |
| RGB Percent | 88%, 96%, 90% |
| CMY | 0.1176, 0.0392, 0.0981 |
| CMYK | 0.08, 0.00, 0.06, 0.04 |
| HSL | 135°, 50%, 92% |
| HSV | 135°, 8%, 96% |
| XYZ | 77.9845, 87.0255, 87.5306 |
| YIQ | 237.3100, -7.1050, -8.9050 |

Conversions

Conversions Part 2

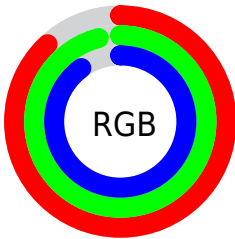
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 225, 241, 245 |
| Decimal | 14808550 |
| CIE Lab | 94.75, -9.28, 4.98 |
| CIE LCh | 95, 10.533, 151.768 |
| Yxy | 87.0255, 0.3088, 0.3446 |
| Android (android.graphics.Color) | 4292998630 (0xFFE1F5E6) |
| YUV | 237.3100, -3.6038, -10.7959 |
| Hunter-Lab | 93.2875, -14.0343, 9.6701 |

Details

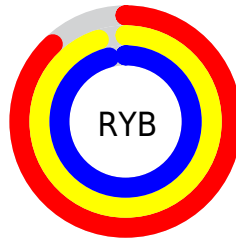
The Yxy color **87.0255, 0.3088, 0.3446** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5606, 0.3169, 0.3139**, and the grayscale version is **84.9734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.0364, 0.3078, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **82.3894, 0.3040, 0.3660**, and if you desaturate by 10%, it is **92.3433, 0.3136, 0.3257**.

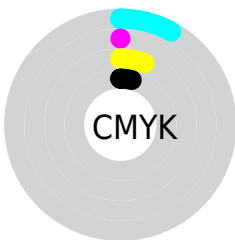
Distribution



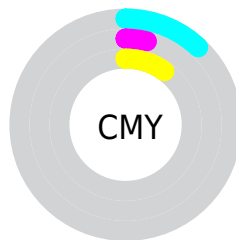
- Red (88%)
- Green (96%)
- Blue (90%)



- Red (88%)
- Yellow (95%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.0255, 0.3088, 0.3446 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 87.0255, 0.3088, 0.3446 by changing the saturation by 10% instead.

87.0255, 0.3088,
0.3446

87.0255, 0.3088,
0.3446

518.3067, 0.3106,
0.3375

65.5163, 0.3084,
0.3462

143.1997, 0.3094,
0.3422

47.8799, 0.3079,
0.3481

178.6335, 0.3097,
0.3412

33.7318, 0.3073,
0.3506

219.4776, 0.3099,
0.3404

22.6876, 0.3064,
0.3537

266.1164, 0.3101,
0.3397

14.3630, 0.3053,
0.3580

318.9343, 0.3102,
0.3390

8.3736, 0.3037,
0.3639

378.3157, 0.3104,

4.3349, 0.3013,

0.3385

0.3730

444.6450, 0.3105,
0.3380

■ 1.8626, 0.2970,
0.3885

■ 0.5258, 0.2670,
0.5139

■ 87.0255, 0.3088,
0.3446

■ 87.0255, 0.3088,
0.3446

■ 82.3894, 0.3040,
0.3660

■ 92.3433, 0.3136,
0.3257

■ 78.3965, 0.2994,
0.3898

■ 93.7890, 0.3132,
0.3194

■ 75.0213, 0.2951,
0.4160

■ 72.2325, 0.2915,
0.4439

■ 69.9955, 0.2889,
0.4728

■ 68.2726, 0.2876,
0.5014

■ 67.0207, 0.2877,
0.5283

■ 66.1896, 0.2893,
0.5518

■ 65.7111, 0.2922,
0.5706

Harmonies

Analogous

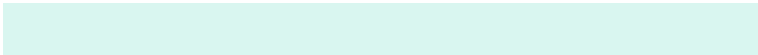
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0255, 0.3208, 0.3496



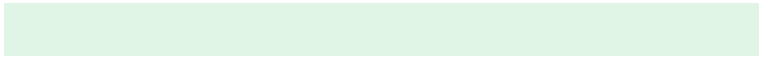
87.0255, 0.3088, 0.3446



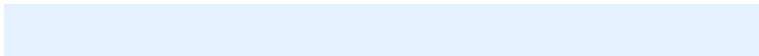
87.0255, 0.2980, 0.3352

Triad

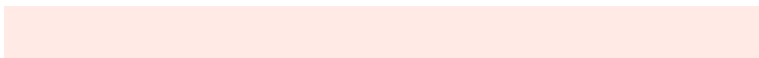
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0255, 0.3088, 0.3446



87.0255, 0.2947, 0.3095



87.0255, 0.3348, 0.3331

Complementary

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



87.0255, 0.3088, 0.3446



79.5606, 0.3169, 0.3139

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.



87.0255, 0.3275, 0.3228



87.0255, 0.3088, 0.3446



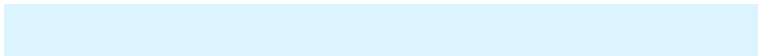
87.0255, 0.3043, 0.3093

Square

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



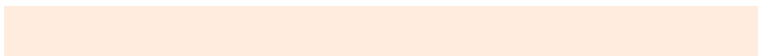
87.0255, 0.3088, 0.3446



87.0255, 0.2900, 0.3148



87.0255, 0.3163, 0.3141



87.0255, 0.3360, 0.3427

Rectangle

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



87.0255, 0.3088, 0.3446



87.0255, 0.2928, 0.3278



87.0255, 0.3163, 0.3141



87.0255, 0.3330, 0.3297

Sweetspot

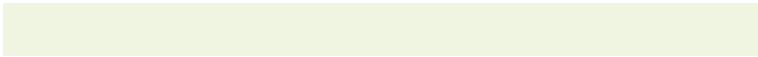
The Sweet Spot groups the original color and five complimentary colors.



87.0292, 0.3088, 0.3446



98.8011, 0.3118, 0.3327



89.3304, 0.3218, 0.3493



21.1601, 0.3118, 0.3325



0.0000, 0.0000, 0.0000



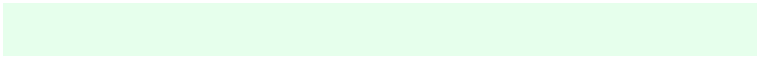
21.4041, 0.3127, 0.3290

Same Dimension

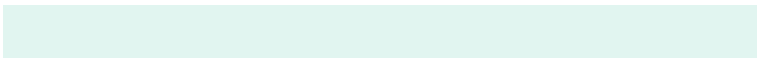
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0292, 0.3088, 0.3446



94.3070, 0.3079, 0.3484



87.5893, 0.3031, 0.3345



18.5396, 0.3082, 0.3473



35.3803, 0.2920, 0.5711



3.1254, 0.2854, 0.5475

Inverse Universe

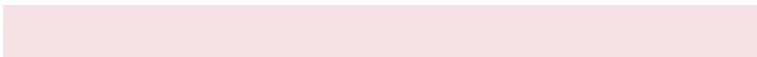
The Inverse Universe completely reimagines the original color for something new.



79.5606, 0.3169, 0.3139



84.3943, 0.3179, 0.3104



78.9994, 0.3233, 0.3236



16.6938, 0.3176, 0.3114



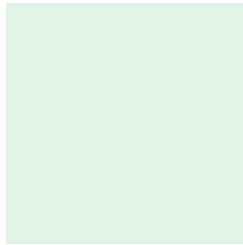
12.3484, 0.3958, 0.1954



1.1016, 0.3843, 0.1891

Previews

White Background



This preview shows how the Yxy color 87.0255, 0.3088, 0.3446 looks on a white background.

Color Contrast Check

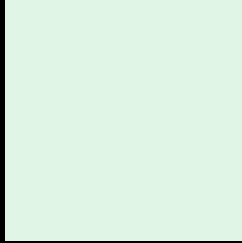
Large Text (above 18pt) WCAG AA × Fail

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 87.0255, 0.3088, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

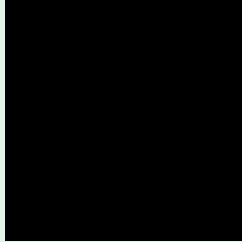
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

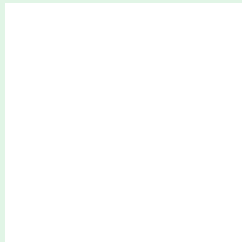
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.0255, 0.3088, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 87.0255, 0.3088, 0.3446.

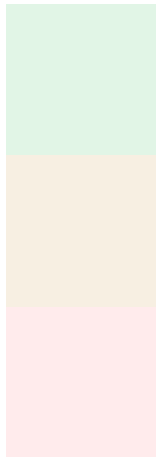


This preview shows how white text looks on a background with the Yxy color 87.0255, 0.3088, 0.3446.

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

87.0255, 0.3088, 0.3446

Protanopia

86.9981, 0.3262, 0.3421

Deuteranopia

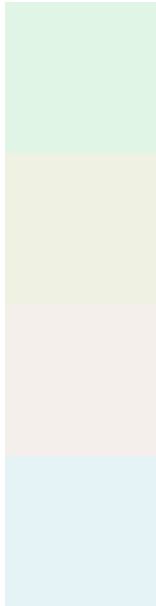
86.7328, 0.3256, 0.3281



Tritanopia

86.6960, 0.2987, 0.3139

Trichromacy



Original Color

87.0255, 0.3088, 0.3446

Protanomaly

86.8074, 0.3200, 0.3433

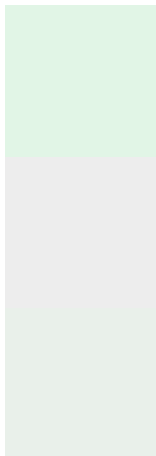
Deuteranomaly

86.9066, 0.3191, 0.3340

Tritanomaly

86.8161, 0.3020, 0.3249

Monochromacy



Original Color

87.0255, 0.3088, 0.3446

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.5843, 0.3118, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.0255, 0.3088, 0.3446 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(225, 245, 230)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 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(225, 245, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 230) }
```

Border

The CSS property to change the border of an element to Yxy 87.0255, 0.3088, 0.3446 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(225, 245, 230) }
```

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

```
.border{ border-color:rgb(225, 245, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 230);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 87.0255, 0.3088, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 230) }
```

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

```
.background{ background-color: rgb(225,  
245, 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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