

Converting Colors

$Yxy(88.4303, 0.3008, 0.3314)$

Have a look what the booklet for
Yxy(88.4303, 0.3008, 0.3314)
contains.

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Color

Yxy(88.4507, 0.3006, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	E1F6F4
RGB	225, 246, 244
RGB Percent	88%, 96%, 96%
CMY	0.1178, 0.0352, 0.0430
CMYK	0.09, 0.00, 0.01, 0.04
HSL	174°, 54%, 92%
HSV	174°, 9%, 96%
XYZ	80.3271, 88.4507, 98.4448
YIQ	239.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

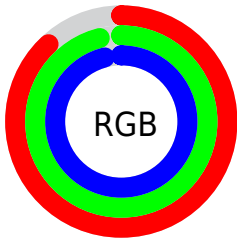
Format	Color
R _Y B	225, 236, 246
Decimal	14808820
CIE Lab	95.35, -7.23, -1.41
CIE LCh	95, 7.367, 191.032
Yxy	88.4507, 0.3006, 0.3310
Android (android.graphics.Color)	4292998900 (0xFFE1F6F4)
YUV	239.4930, 2.2220, -12.7104
Hunter-Lab	94.0482, -12.1265, 3.7721

Details

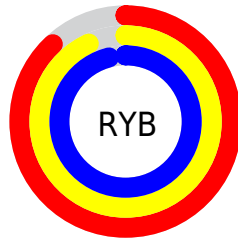
The Yxy color **88.4507, 0.3006, 0.3310** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.9626, 0.3263, 0.3270**, and the grayscale version is **86.7074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0038, 0.2982, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **84.6418, 0.2871, 0.3335**, and if you desaturate by 10%, it is **92.8385, 0.3148, 0.3287**.

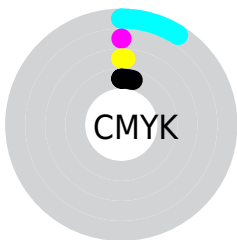
Distribution



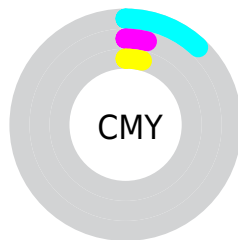
- Red (88%)
- Green (96%)
- Blue (96%)



- Red (88%)
- Yellow (93%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4507, 0.3006, 0.3310 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 88.4507, 0.3006, 0.3310 by changing the saturation by 10% instead.

 88.4507, 0.3006,
0.3310

 88.4507, 0.3006,
0.3310

522.9781, 0.3060,
0.3301

 66.6964, 0.2994,
0.3312


145.1845, 0.3024,
0.3307

 48.8379, 0.2980,
0.3314

180.9327, 0.3032,
0.3306

 34.4909, 0.2962,
0.3317


222.1144, 0.3038,
0.3305

 23.2710, 0.2939,
0.3320

269.1139, 0.3043,
0.3304

 14.7937, 0.2908,
0.3325

322.3156, 0.3048,
0.3303

 8.6748, 0.2866,
0.3331

382.1039, 0.3053,

 4.5297, 0.2804,

0.3303

448.8633, 0.3057,
0.3302

0.3340

■ 1.9740, 0.2702,
0.3353

■ 0.5923, 0.2244,
0.3439

■ 88.4507, 0.3006,
0.3310

■ 88.4507, 0.3006,
0.3310

■ 84.6418, 0.2871,
0.3335

■ 92.8385, 0.3148,
0.3287

■ 81.3763, 0.2746,
0.3363

■ 94.0011, 0.3169,
0.3265

■ 78.6319, 0.2634,
0.3392

■ 94.1470, 0.3155,
0.3242

■ 76.3805, 0.2537,
0.3423

■ 94.2947, 0.3141,
0.3220

74.5914, 0.2458,
0.3455

94.4016, 0.3131,
0.3204

73.2304, 0.2398,
0.3488

72.2583, 0.2357,
0.3521

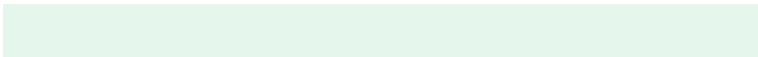
71.6291, 0.2336,
0.3553

71.2766, 0.2331,
0.3585

Harmonies

Analogous

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



88.4507, 0.3075, 0.3380



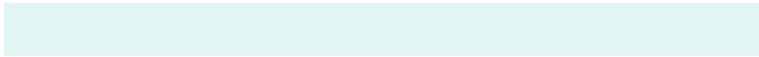
88.4507, 0.3006, 0.3310



88.4507, 0.2969, 0.3235

Triad

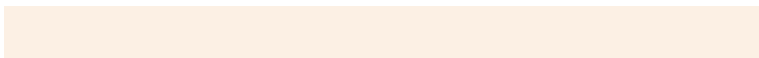
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4507, 0.3006, 0.3310



88.4507, 0.3094, 0.3159



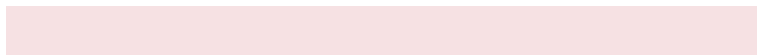
88.4507, 0.3282, 0.3402

Complementary

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



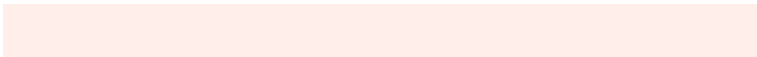
88.4507, 0.3006, 0.3310



78.9626, 0.3263, 0.3270

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.



88.4507, 0.3288, 0.3342



88.4507, 0.3006, 0.3310



88.4507, 0.3178, 0.3203

Square

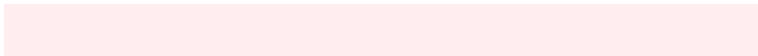
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4507, 0.3006, 0.3310



88.4507, 0.3020, 0.3149



88.4507, 0.3250, 0.3269



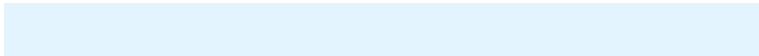
88.4507, 0.3235, 0.3433

Rectangle

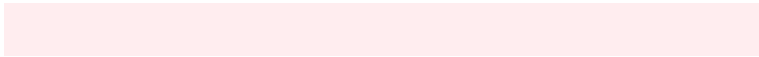
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



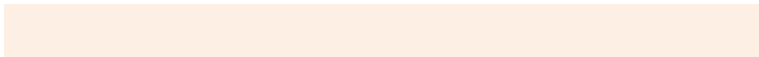
88.4507, 0.3006, 0.3310



88.4507, 0.2968, 0.3193



88.4507, 0.3250, 0.3269



88.4507, 0.3289, 0.3385

Sweetspot

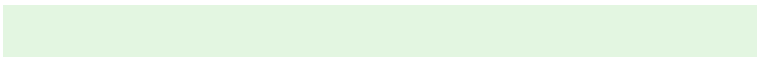
The Sweet Spot groups the original color and five complimentary colors.



88.4544, 0.3006, 0.3310



98.5313, 0.3084, 0.3297



87.6954, 0.3130, 0.3509



21.0078, 0.3073, 0.3299



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

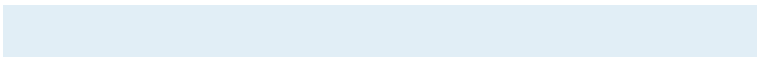
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4544, 0.3006, 0.3310



95.3260, 0.2986, 0.3314



83.5653, 0.2994, 0.3203



18.7292, 0.2993, 0.3312



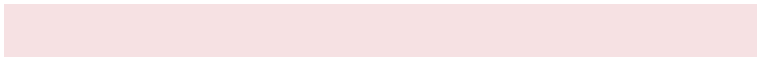
38.0285, 0.2329, 0.3585



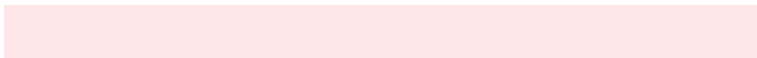
3.3501, 0.2318, 0.3544

Inverse Universe

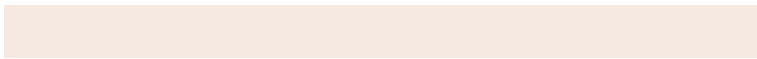
The Inverse Universe completely reimagines the original color for something new.



78.9626, 0.3263, 0.3270



83.3969, 0.3288, 0.3267



83.5210, 0.3267, 0.3376



16.5080, 0.3279, 0.3268



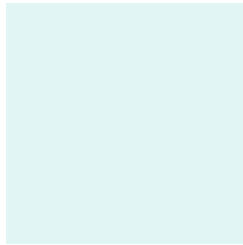
10.5003, 0.6294, 0.3241



0.9313, 0.6068, 0.3117

Previews

White Background



This preview shows how the Yxy color 88.4507, 0.3006, 0.3310 looks on a white background.

Color Contrast Check

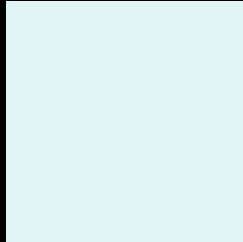
Large Text (above 18pt) WCAG AA × Fail

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 88.4507, 0.3006, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

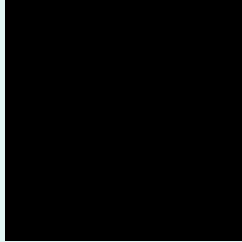
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

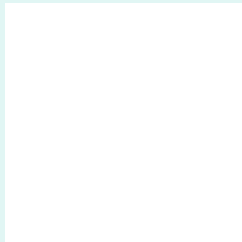
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4507, 0.3006, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 88.4507, 0.3006, 0.3310.

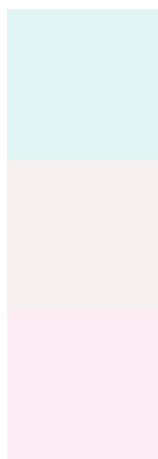


This preview shows how white text looks on a background with the Yxy color 88.4507, 0.3006, 0.3310.

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

88.4507, 0.3006, 0.3310

Protanopia

88.2639, 0.3161, 0.3280

Deuteranopia

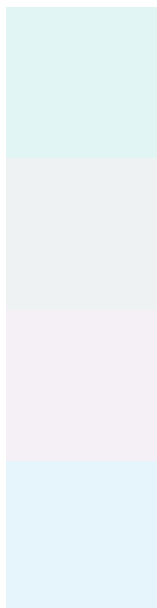
88.4209, 0.3197, 0.3212



Tritanopia

88.6448, 0.2993, 0.3170

Trichromacy



Original Color

88.4507, 0.3006, 0.3310

Protanomaly

88.0922, 0.3101, 0.3290

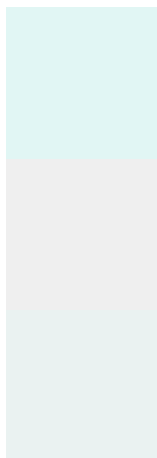
Deuteranomaly

88.1458, 0.3123, 0.3240

Tritanomaly

88.4894, 0.2997, 0.3219

Monochromacy



Original Color

88.4507, 0.3006, 0.3310

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.3476, 0.3081, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4507, 0.3006, 0.3310 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, 246, 244)` looks like.

```
.text, #text, p{  
    color:rgb(225, 246, 244)  
}
```

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, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 246, 244) }
```

Border

The CSS property to change the border of an element to Yxy 88.4507, 0.3006, 0.3310 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, 246, 244) }
```

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

```
.border{ border-color:rgb(225, 246, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 246, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 246, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 246, 244);  
box-shadow:4px 4px 4px 4px rgb(225, 246,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4507, 0.3006, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 246, 244) }
```

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

```
.background{ background-color: rgb(225,  
246, 244) }
```

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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