

Converting Colors

Yxy(88.5832, 0.3105, 0.3410)

Have a look what the booklet for
Yxy(88.5832, 0.3105, 0.3410)
contains.

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Color

Yxy(88.8410, 0.3102, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	E7F6EA
RGB	231, 246, 234
RGB Percent	91%, 96%, 92%
CMY	0.0943, 0.0352, 0.0824
CMYK	0.06, 0.00, 0.05, 0.04
HSL	132°, 46%, 94%
HSV	132°, 6%, 96%
XYZ	80.7456, 88.8410, 90.7152
YIQ	240.1470, -5.0880, -6.9120

Conversions

Conversions Part 2

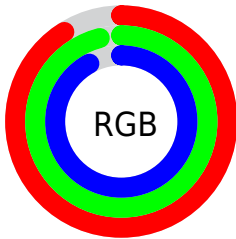
Format	Color
R _{YB}	231, 244, 246
Decimal	15202026
CIE Lab	95.51, -7.12, 4.07
CIE LCh	96, 8.199, 150.218
Yxy	88.8410, 0.3102, 0.3413
Android (android.graphics.Color)	4293392106 (0xFFE7F6EA)
YUV	240.1470, -3.0305, -8.0219
Hunter-Lab	94.2555, -12.0320, 8.9158

Details

The Yxy color **88.8410, 0.3102, 0.3413** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.1887, 0.3153, 0.3170**, and the grayscale version is **87.2807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1552, 0.3095, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **83.9682, 0.3061, 0.3635**, and if you desaturate by 10%, it is **94.3181, 0.3139, 0.3217**.

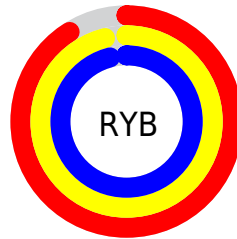
Distribution



Red (91%)

Green (96%)

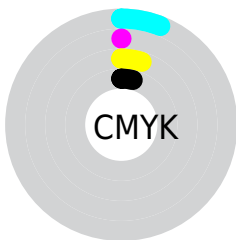
Blue (92%)



Red (91%)

Yellow (96%)

Blue (96%)

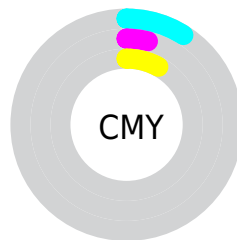


Cyan (6%)

Magenta (0%)

Yellow (5%)

Black (4%)



Cyan (9%)


Magenta (4%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8410, 0.3102, 0.3413 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 88.8410, 0.3102, 0.3413 by changing the saturation by 10% instead.


 88.8410, 0.3102,
0.3413

 88.8410, 0.3102,
0.3413

524.2534, 0.3114,
0.3358

 67.0198, 0.3099,
0.3425

145.7274, 0.3106,
0.3394

 49.1007, 0.3096,
0.3440


181.5614, 0.3108,
0.3387

 34.6994, 0.3092,
0.3459


222.8352, 0.3109,
0.3380

 23.4314, 0.3087,
0.3484

269.9330, 0.3110,
0.3375

 14.9124, 0.3080,
0.3516

323.2394, 0.3111,
0.3370

 8.7579, 0.3070,
0.3562

383.1386, 0.3112,

 4.5836, 0.3055,

0.3365

0.3630

450.0152, 0.3113,
0.3361

■ 2.0051, 0.3028,
0.3744

■ 0.6104, 0.2910,
0.4370

■ 88.8410, 0.3102,
0.3413

■ 88.8410, 0.3102,
0.3413

■ 83.9682, 0.3061,
0.3635

■ 94.3181, 0.3139,
0.3217

■ 79.7643, 0.3020,
0.3885

■ 94.4058, 0.3131,
0.3204

■ 76.2033, 0.2982,
0.4159

■ 73.2531, 0.2949,
0.4453

■ 70.8788, 0.2923,
0.4757

■ 69.0418, 0.2909,
0.5057

■ 67.6990, 0.2907,
0.5336

■ 66.8001, 0.2918,
0.5577

■ 66.2834, 0.2941,
0.5764

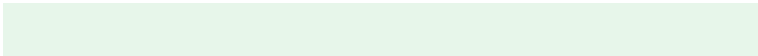
Harmonies

Analogous

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



88.8410, 0.3195, 0.3449



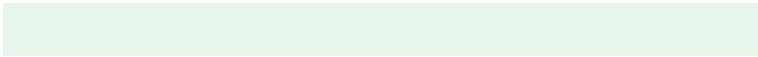
88.8410, 0.3102, 0.3413



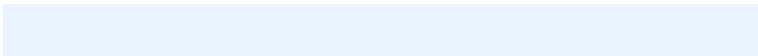
88.8410, 0.3017, 0.3342

Triad

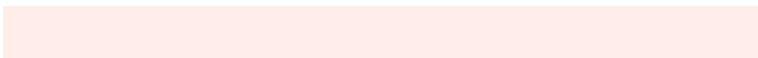
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8410, 0.3102, 0.3413



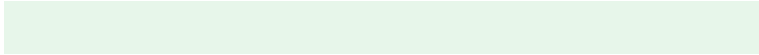
88.8410, 0.2985, 0.3140



88.8410, 0.3296, 0.3319

Complementary

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



88.8410, 0.3102, 0.3413



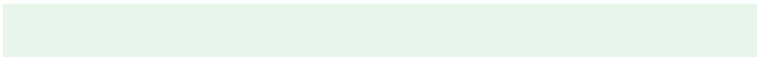
83.1887, 0.3153, 0.3170

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.



88.8410, 0.3238, 0.3238



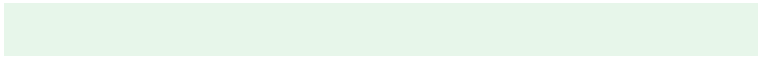
88.8410, 0.3102, 0.3413



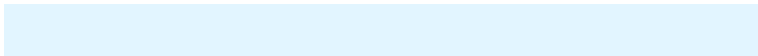
88.8410, 0.3058, 0.3136

Square

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



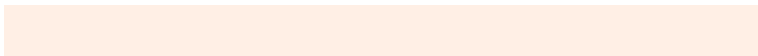
88.8410, 0.3102, 0.3413



88.8410, 0.2950, 0.3184



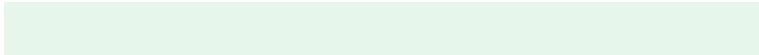
88.8410, 0.3151, 0.3172



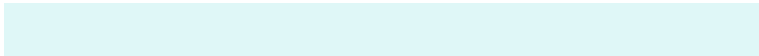
88.8410, 0.3308, 0.3393

Rectangle

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



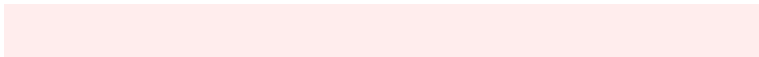
88.8410, 0.3102, 0.3413



88.8410, 0.2976, 0.3286



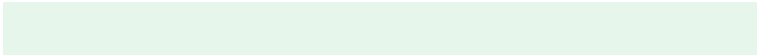
88.8410, 0.3151, 0.3172



88.8410, 0.3281, 0.3291

Sweetspot

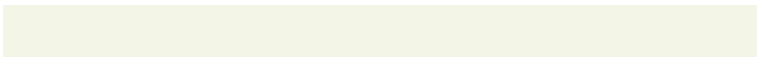
The Sweet Spot groups the original color and five complimentary colors.



88.8448, 0.3102, 0.3413



98.7859, 0.3119, 0.3329



90.7483, 0.3198, 0.3441



21.1570, 0.3119, 0.3327



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.



88.8448, 0.3102, 0.3413



95.8856, 0.3098, 0.3432



89.2864, 0.3058, 0.3336



18.7303, 0.3096, 0.3444



35.3173, 0.2944, 0.5799



3.1181, 0.2884, 0.5581

Inverse Universe

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



83.1887, 0.3153, 0.3170



88.9063, 0.3157, 0.3152



82.7434, 0.3201, 0.3245



17.2564, 0.3160, 0.3141



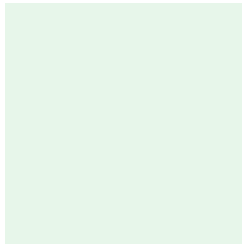
12.6190, 0.3794, 0.1864



1.1232, 0.3707, 0.1816

Previews

White Background



This preview shows how the Yxy color 88.8410, 0.3102, 0.3413 looks on a white background.

Color Contrast Check

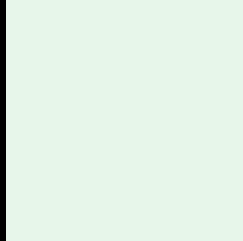
Large Text (above 18pt) WCAG AA × Fail

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 88.8410, 0.3102, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

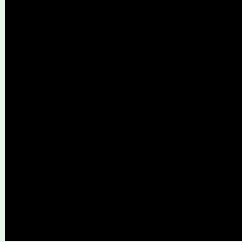
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

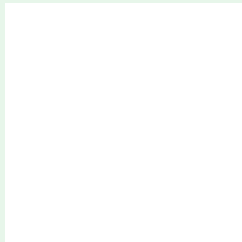
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8410, 0.3102, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 88.8410, 0.3102, 0.3413.

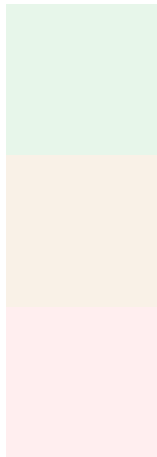


This preview shows how white text looks on a background with the Yxy color 88.8410, 0.3102, 0.3413.

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

88.8410, 0.3102, 0.3413

Protanopia

88.8199, 0.3242, 0.3390

Deuteranopia

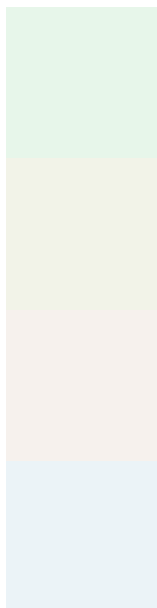
88.6411, 0.3234, 0.3281



Tritanopia

88.7288, 0.3018, 0.3161

Trichromacy



Original Color

88.8410, 0.3102, 0.3413

Protanomaly

88.8046, 0.3187, 0.3401

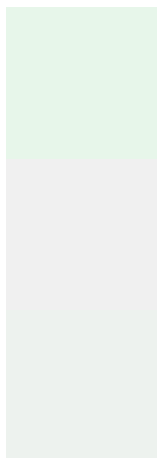
Deuteranomaly

88.6178, 0.3185, 0.3330

Tritanomaly

88.4788, 0.3052, 0.3250

Monochromacy



Original Color

88.8410, 0.3102, 0.3413

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.6818, 0.3119, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8410, 0.3102, 0.3413 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(231, 246, 234)` looks like.

```
.text, #text, p{  
    color:rgb(231, 246, 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(231, 246, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 246, 234) }
```

Border

The CSS property to change the border of an element to Yxy 88.8410, 0.3102, 0.3413 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(231, 246, 234) }
```

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

```
.border{ border-color:rgb(231, 246, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 246, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 246, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 246, 234);  
box-shadow:4px 4px 4px 4px rgb(231, 246,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8410, 0.3102, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 246, 234) }
```

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

```
.background{ background-color: rgb(231,  
246, 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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