

Converting Colors

$Yxy(78.5853, 0.3088, 0.3459)$

Have a look what the booklet for
Yxy(78.5853, 0.3088, 0.3459)
contains.

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Color

Yxy(78.8273, 0.3086, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	D6EBDB
RGB	214, 235, 219
RGB Percent	84%, 92%, 86%
CMY	0.1607, 0.0784, 0.1413
CMYK	0.09, 0.00, 0.07, 0.08
HSL	134°, 34%, 88%
HSV	134°, 9%, 92%
XYZ	70.2255, 78.8273, 78.5087
YIQ	226.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

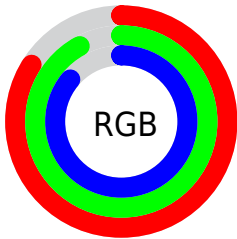
Format	Color
R_{YB}	214, 231, 235
Decimal	14085083
CIE Lab	91.16, -9.86, 5.41
CIE LCh	91, 11.248, 151.254
Yxy	78.8273, 0.3086, 0.3464
Android (android.graphics.Color)	4292275163 (0xFFD6EBDB)
YUV	226.8970, -3.8932, -11.3107
Hunter-Lab	88.7847, -14.1863, 9.7216

Details

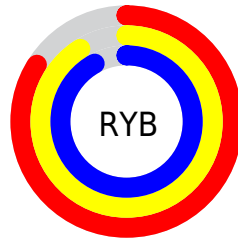
The Yxy color **78.8273, 0.3086, 0.3464** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.4798, 0.3171, 0.3122**, and the grayscale version is **76.7722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2915, 0.3074, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **74.6507, 0.3040, 0.3683**, and if you desaturate by 10%, it is **83.6228, 0.3132, 0.3271**.

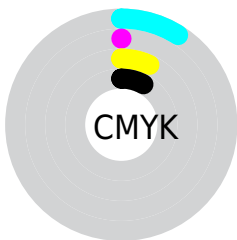
Distribution



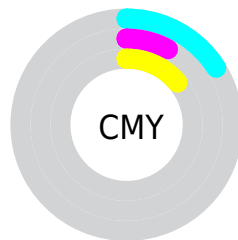
- Red (84%)
- Green (92%)
- Blue (86%)



- Red (84%)
- Yellow (91%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8273, 0.3086, 0.3464 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 78.8273, 0.3086, 0.3464 by changing the saturation by 10% instead.

■ 78.8273, 0.3086,
0.3464

■ 78.8273, 0.3086,
0.3464

490.9719, 0.3105,
0.3384

■ 58.7538, 0.3082,
0.3482

131.7157, 0.3093,
0.3436

■ 42.4150, 0.3076,
0.3505

165.2994, 0.3095,
0.3425

■ 29.4264, 0.3069,
0.3534

204.1554, 0.3098,
0.3416

■ 19.4036, 0.3059,
0.3572

248.6679, 0.3100,
0.3408

■ 11.9623, 0.3046,
0.3623

299.2214, 0.3101,
0.3401

■ 6.7180, 0.3027,
0.3698

356.2003, 0.3103,

■ 3.2864, 0.2997,

0.3394

0.3815

419.9890, 0.3104,
0.3389

■ 1.2830, 0.2939,
0.4027

■ 0.1280, 0.0000,
1.0000

■ 78.8273, 0.3086,
0.3464

■ 78.8273, 0.3086,
0.3464

■ 74.6507, 0.3040,
0.3683

■ 83.6228, 0.3132,
0.3271

■ 71.0578, 0.2995,
0.3927

■ 87.8916, 0.3137,
0.3099

■ 68.0255, 0.2955,
0.4194

■ 87.8995, 0.3136,
0.3097

■ 65.5248, 0.2921,
0.4478

■ 63.5243, 0.2896,
0.4771

■ 61.9894, 0.2884,
0.5059

■ 60.8806, 0.2886,
0.5326

■ 60.1518, 0.2903,
0.5557

■ 59.7348, 0.2930,
0.5740

Harmonies

Analogous

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



78.8273, 0.3219, 0.3518



78.8273, 0.3086, 0.3464



78.8273, 0.2966, 0.3360

Triad

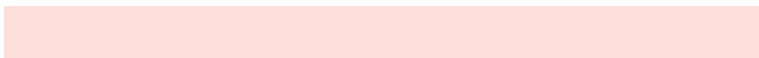
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8273, 0.3086, 0.3464



78.8273, 0.2927, 0.3075



78.8273, 0.3370, 0.3333

Complementary

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



78.8273, 0.3086, 0.3464



71.4798, 0.3171, 0.3122

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.



78.8273, 0.3289, 0.3219



78.8273, 0.3086, 0.3464



78.8273, 0.3032, 0.3072

Square

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



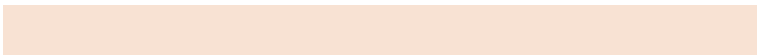
78.8273, 0.3086, 0.3464



78.8273, 0.2876, 0.3135



78.8273, 0.3165, 0.3125



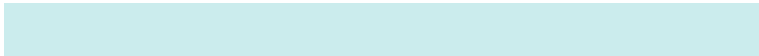
78.8273, 0.3385, 0.3439

Rectangle

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



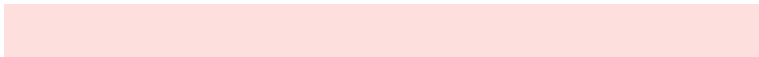
78.8273, 0.3086, 0.3464



78.8273, 0.2909, 0.3279



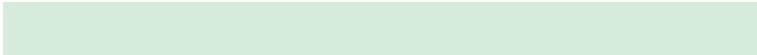
78.8273, 0.3165, 0.3125



78.8273, 0.3350, 0.3295

Sweetspot

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



78.8307, 0.3086, 0.3464



98.2071, 0.3113, 0.3347



81.1160, 0.3226, 0.3512



20.9203, 0.3110, 0.3362



0.0000, 0.0000, 0.0000



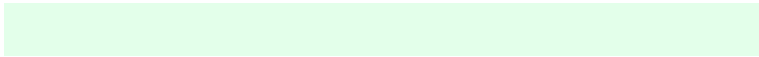
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8307, 0.3086, 0.3464



93.7586, 0.3076, 0.3508



79.3978, 0.3023, 0.3350



16.9204, 0.3084, 0.3475



33.2405, 0.2926, 0.5732



2.6248, 0.2853, 0.5472

Inverse Universe

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



71.4798, 0.3171, 0.3122



82.9718, 0.3182, 0.3081



70.9105, 0.3243, 0.3231



15.2494, 0.3174, 0.3112



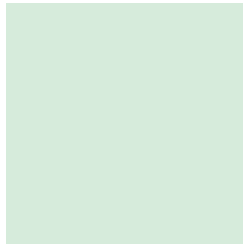
11.6742, 0.3912, 0.1929



0.9314, 0.3794, 0.1864

Previews

White Background



This preview shows how the Yxy color 78.8273, 0.3086, 0.3464 looks on a white background.

Color Contrast Check

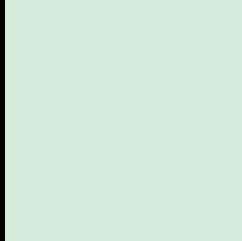
Large Text (above 18pt) WCAG AA × Fail

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 78.8273, 0.3086, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

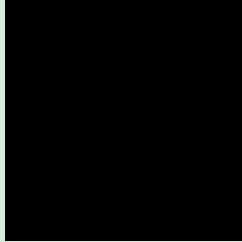
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

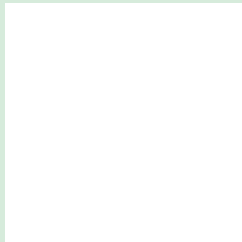
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8273, 0.3086, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 78.8273, 0.3086, 0.3464.

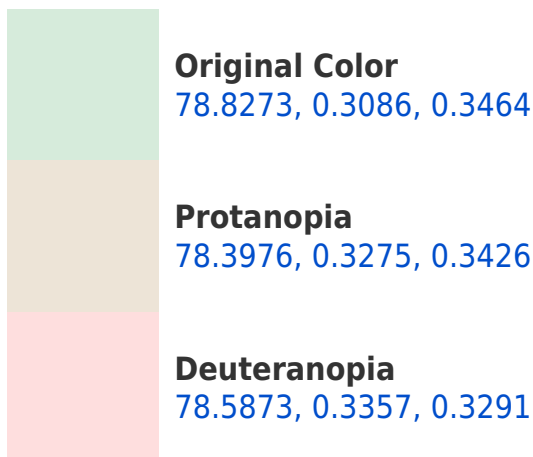


This preview shows how white text looks on a background with the Yxy color 78.8273, 0.3086, 0.3464.

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

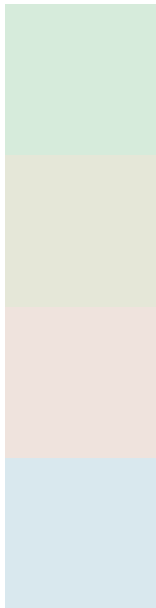




Tritanopia

79.0515, 0.2938, 0.3102

Trichromacy



Original Color

78.8273, 0.3086, 0.3464

Protanomaly

78.7677, 0.3209, 0.3449

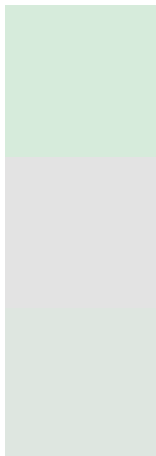
Deuteranomaly

78.5094, 0.3250, 0.3353

Tritanomaly

78.6380, 0.2991, 0.3226

Monochromacy



Original Color

78.8273, 0.3086, 0.3464

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.5050, 0.3111, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8273, 0.3086, 0.3464 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(214, 235, 219)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 219)  
}
```

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(214, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 219) }
```

Border

The CSS property to change the border of an element to Yxy 78.8273, 0.3086, 0.3464 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(214, 235, 219) }
```

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

```
.border{ border-color:rgb(214, 235, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 235, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8273, 0.3086, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 219) }
```

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

```
.background{ background-color: rgb(214,  
235, 219) }
```

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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