

Converting Colors

$Yxy(82.4054, 0.3007, 0.3467)$

Have a look what the booklet for
Yxy(82.4054, 0.3007, 0.3467)
contains.

Yxy(82.4051, 0.3004, 0.3463)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.4051, 0.3004, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	D0F2E2
RGB	208, 242, 226
RGB Percent	82%, 95%, 89%
CMY	0.1844, 0.0509, 0.1138
CMYK	0.14, 0.00, 0.07, 0.05
HSL	152°, 57%, 88%
HSV	152°, 14%, 95%
XYZ	71.4828, 82.4051, 84.0708
YIQ	230.0100, -15.1280, -12.1840

Conversions

Conversions Part 2

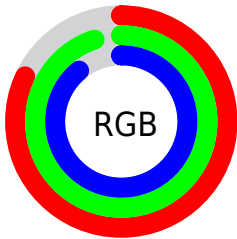
Format	Color
R _Y B	208, 230, 242
Decimal	13693666
CIE Lab	92.75, -14.07, 4.02
CIE LCh	93, 14.630, 164.032
Yxy	82.4051, 0.3004, 0.3463
Android (android.graphics.Color)	4291883746 (0xFFD0F2E2)
YUV	230.0100, -1.9769, -19.3028
Hunter-Lab	90.7773, -18.2999, 8.6343

Details

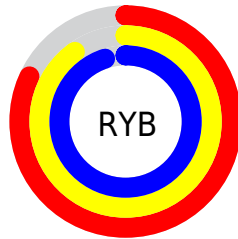
The Yxy color **82.4051, 0.3004, 0.3463** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3602, 0.3270, 0.3123**, and the grayscale version is **79.1590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8304, 0.2971, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **78.5595, 0.2920, 0.3603**, and if you desaturate by 10%, it is **86.8345, 0.3091, 0.3337**.

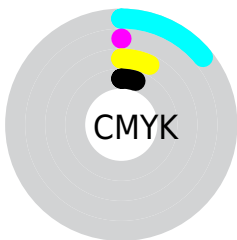
Distribution



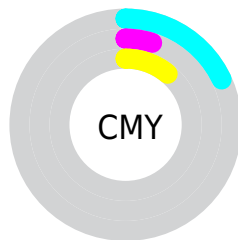
- Red (82%)
- Green (95%)
- Blue (89%)



- Red (82%)
- Yellow (90%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)





- Cyan (18%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4051, 0.3004, 0.3463 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 82.4051, 0.3004, 0.3463 by changing the saturation by 10% instead.


 82.4051, 0.3004,
0.3463

 82.4051, 0.3004,
0.3463


503.0017, 0.3060,
0.3384

 61.6995, 0.2991,
0.3481


136.7419, 0.3023,
0.3436

 44.7899, 0.2976,
0.3503

171.1420, 0.3031,
0.3425

 31.2920, 0.2956,
0.3531


210.8756, 0.3038,
0.3416

 20.8213, 0.2931,
0.3567

256.3273, 0.3043,
0.3408

 12.9934, 0.2896,
0.3617

307.8813, 0.3048,
0.3401

 7.4240, 0.2847,
0.3687

365.9221, 0.3053,

 3.7287, 0.2772,

0.3394

0.3797

430.8341, 0.3057,
0.3389

■ 1.5230, 0.2642,
0.3989

■ 0.3048, 0.0000,
0.8578

■ 82.4051, 0.3004,
0.3463

■ 82.4051, 0.3004,
0.3463

■ 78.5595, 0.2920,
0.3603

■ 86.8345, 0.3091,
0.3337

■ 75.2623, 0.2843,
0.3756

■ 91.5990, 0.3171,
0.3225

■ 72.4900, 0.2776,
0.3922

■ 91.9932, 0.3133,
0.3166

■ 70.2136, 0.2721,
0.4099

■ 68.4008, 0.2683,
0.4283

■ 67.0156, 0.2663,
0.4470

■ 66.0162, 0.2664,
0.4655

■ 65.3518, 0.2685,
0.4834

■ 65.0714, 0.2705,
0.4936

Harmonies

Analogous

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



82.4051, 0.3172, 0.3564



82.4051, 0.3004, 0.3463



82.4051, 0.2871, 0.3313

Triad

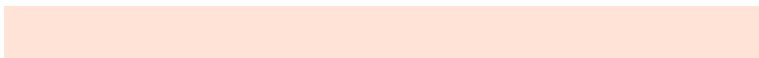
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4051, 0.3004, 0.3463



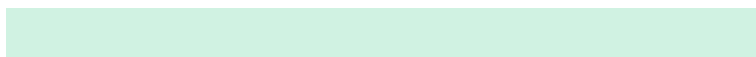
82.4051, 0.2922, 0.3005



82.4051, 0.3459, 0.3405

Complementary

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



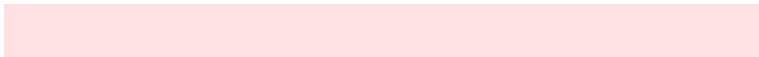
82.4051, 0.3004, 0.3463



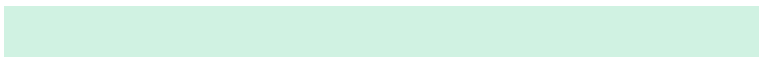
69.3602, 0.3270, 0.3123

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.



82.4051, 0.3388, 0.3260



82.4051, 0.3004, 0.3463



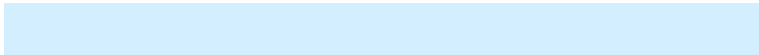
82.4051, 0.3075, 0.3034

Square

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



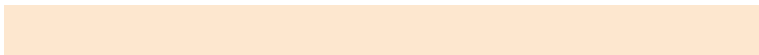
82.4051, 0.3004, 0.3463



82.4051, 0.2825, 0.3050



82.4051, 0.3247, 0.3126



82.4051, 0.3437, 0.3525

Rectangle

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



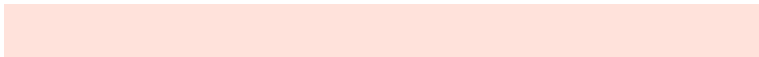
82.4051, 0.3004, 0.3463



82.4051, 0.2819, 0.3209



82.4051, 0.3247, 0.3126



82.4051, 0.3445, 0.3357

Sweetspot

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



82.4086, 0.3004, 0.3463



97.8108, 0.3092, 0.3337



83.9812, 0.3218, 0.3652



20.8500, 0.3085, 0.3346



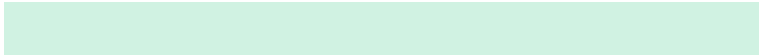
0.0000, 0.0000, 0.0000



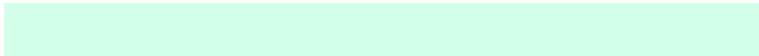
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4086, 0.3004, 0.3463



91.4387, 0.2979, 0.3503



82.9934, 0.2913, 0.3283



17.7961, 0.3044, 0.3403



34.9799, 0.2697, 0.4908



2.9301, 0.2633, 0.4678

Inverse Universe

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



69.3602, 0.3270, 0.3123



74.0026, 0.3306, 0.3086



68.8076, 0.3387, 0.3297



15.8828, 0.3219, 0.3179



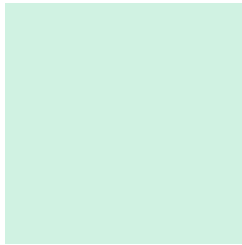
10.8210, 0.5081, 0.2572



0.9202, 0.4770, 0.2401

Previews

White Background



This preview shows how the Yxy color 82.4051, 0.3004, 0.3463 looks on a white background.

Color Contrast Check

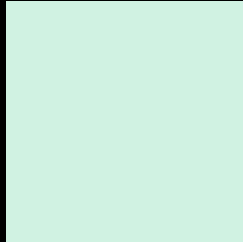
Large Text (above 18pt) WCAG AA × Fail

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 82.4051, 0.3004, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

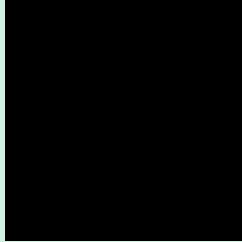
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

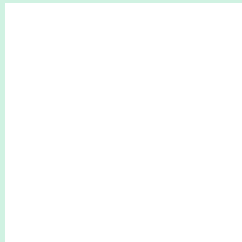
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4051, 0.3004, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 82.4051, 0.3004, 0.3463.

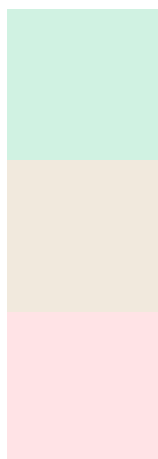


This preview shows how white text looks on a background with the Yxy color 82.4051, 0.3004, 0.3463.

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

82.4051, 0.3004, 0.3463

Protanopia

82.1991, 0.3259, 0.3414

Deuteranopia

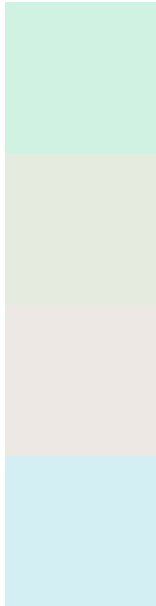
81.9113, 0.3304, 0.3261



Tritanopia

82.2354, 0.2881, 0.3103

Trichromacy



Original Color

82.4051, 0.3004, 0.3463

Protanomaly

81.9766, 0.3161, 0.3426

Deuteranomaly

81.5475, 0.3187, 0.3321

Tritanomaly

82.2617, 0.2925, 0.3237

Monochromacy



Original Color

82.4051, 0.3004, 0.3463

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.0324, 0.3078, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4051, 0.3004, 0.3463 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(208, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(208, 242, 226)  
}
```

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(208, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 242, 226) }
```

Border

The CSS property to change the border of an element to Yxy 82.4051, 0.3004, 0.3463 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(208, 242, 226) }
```

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

```
.border{ border-color:rgb(208, 242, 226) }
```

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

Here you see how a box with a 4 pixel rgb(208, 242, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(208, 242,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4051, 0.3004, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 242, 226) }
```

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

```
.background{ background-color: rgb(208,  
242, 226) }
```

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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