

Converting Colors

$Yxy(82.9081, 0.2948, 0.3568)$

Have a look what the booklet for
Yxy(82.9081, 0.2948, 0.3568)
contains.

| | |
|--|----|
| Yxy(82.6013, 0.2947, 0.3566) | 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(82.6013, 0.2947, 0.3566)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C2F6DD |
| RGB | 194, 246, 221 |
| RGB Percent | 76%, 96%, 87% |
| CMY | 0.2391, 0.0353, 0.1332 |
| CMYK | 0.21, 0.00, 0.10, 0.04 |
| HSL | 151°, 74%, 86% |
| HSV | 151°, 21%, 96% |
| XYZ | 68.2630, 82.6013, 80.7714 |
| YIQ | 227.6020, -22.9670, -18.7990 |

Conversions

Conversions Part 2

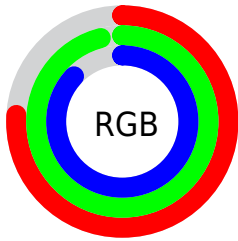
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 228, 246 |
| Decimal | 12777181 |
| CIELab | 92.84, -21.37, 6.61 |
| CIELCh | 93, 22.367, 162.822 |
| Yxy | 82.6013, 0.2947, 0.3566 |
| Android (android.graphics.Color) | 4290967261 (0xFFC2F6DD) |
| YUV | 227.6020, -3.2548, -29.4690 |
| Hunter-Lab | 90.8853, -24.9796, 10.9276 |

Details

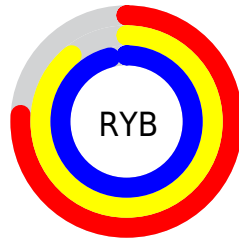
The Yxy color **82.6013, 0.2947, 0.3566** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.3030, 0.3355, 0.3030**, and the grayscale version is **77.3209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **45.1555, 0.2909, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **79.0060, 0.2869, 0.3719**, and if you desaturate by 10%, it is **86.7866, 0.3031, 0.3427**.

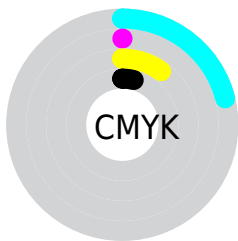
Distribution



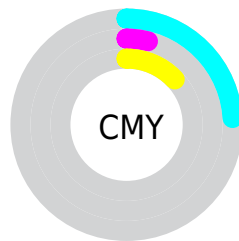
- Red (76%)
- Green (96%)
- Blue (87%)



- Red (76%)
- Yellow (89%)
- Blue (96%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)





- Cyan (24%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6013, 0.2947, 0.3566 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 82.6013, 0.2947, 0.3566 by changing the saturation by 10% instead.


 82.6013, 0.2947,
0.3566

 82.6013, 0.2947,
0.3566


503.6568, 0.3030,
0.3439

 61.8613, 0.2928,
0.3595


 137.0169, 0.2976,
0.3522

 44.9206, 0.2905,
0.3631

171.4613, 0.2987,
0.3505

 31.3949, 0.2876,
0.3677


211.2426, 0.2996,
0.3490

 20.8998, 0.2838,
0.3736

256.7452, 0.3005,
0.3477

 13.0507, 0.2786,
0.3817

308.3536, 0.3012,
0.3466

 7.4635, 0.2713,
0.3935

366.4520, 0.3019,

 3.7536, 0.2598,

0.3455

0.4118

431.4250, 0.3025,
0.3447

■ 1.5367, 0.2399,
0.4445

■ 0.3144, 0.0000,
1.0000

■ 82.6013, 0.2947,
0.3566

■ 82.6013, 0.2947,
0.3566

■ 79.0060, 0.2869,
0.3719

■ 86.7866, 0.3031,
0.3427

■ 75.9630, 0.2799,
0.3885

■ 91.5771, 0.3117,
0.3303


■ 73.4461, 0.2741,
0.4063


■ 94.3896, 0.3131,
0.3204

■ 71.4228, 0.2698,
0.4249

 69.8567, 0.2674,
0.4440

 68.7062, 0.2670,
0.4630

 67.9218, 0.2686,
0.4814

 67.4631, 0.2714,
0.4970

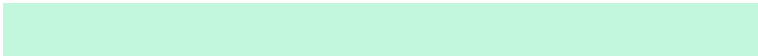
Harmonies

Analogous

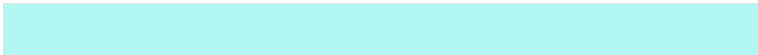
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6013, 0.3203, 0.3720



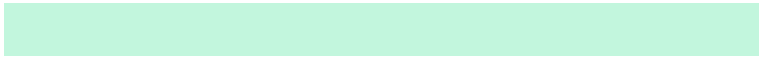
82.6013, 0.2947, 0.3566



82.6013, 0.2745, 0.3332

Triad

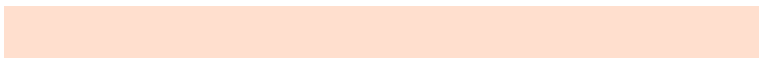
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6013, 0.2947, 0.3566



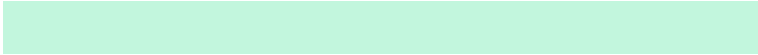
82.6013, 0.2807, 0.2861



82.6013, 0.3635, 0.3450

Complementary

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



82.6013, 0.2947, 0.3566



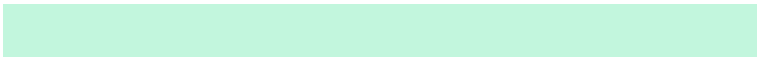
63.3030, 0.3355, 0.3030

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.



82.6013, 0.3521, 0.3232



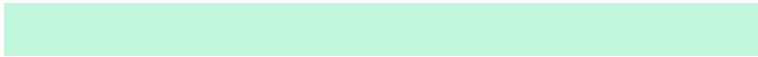
82.6013, 0.2947, 0.3566



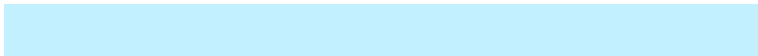
82.6013, 0.3035, 0.2902

Square

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



82.6013, 0.2947, 0.3566



82.6013, 0.2667, 0.2928



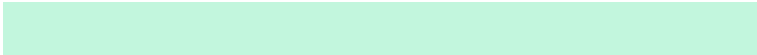
82.6013, 0.3298, 0.3036



82.6013, 0.3606, 0.3638

Rectangle

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



82.6013, 0.2947, 0.3566



82.6013, 0.2665, 0.3170



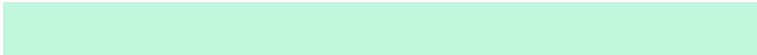
82.6013, 0.3298, 0.3036



82.6013, 0.3612, 0.3378

Sweetspot

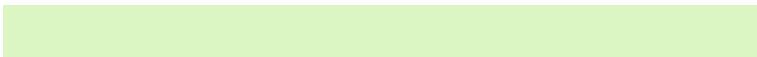
The Sweet Spot groups the original color and five complimentary colors.



82.6047, 0.2947, 0.3566



96.7484, 0.3075, 0.3362



84.8888, 0.3263, 0.3850



20.6355, 0.3069, 0.3370



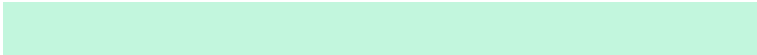
0.0000, 0.0000, 0.0000



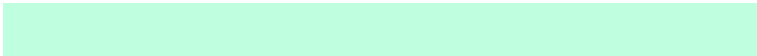
21.4041, 0.3127, 0.3290

Same Dimension

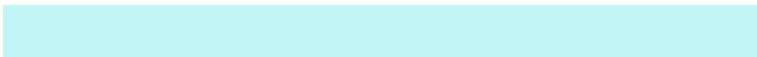
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6047, 0.2947, 0.3566



88.0308, 0.2915, 0.3624



83.5107, 0.2811, 0.3280



18.6158, 0.3045, 0.3406



36.0388, 0.2706, 0.4942



3.1882, 0.2644, 0.4719

Inverse Universe

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



63.3030, 0.3355, 0.3030



63.8982, 0.3408, 0.2979



62.4718, 0.3552, 0.3301



16.6152, 0.3218, 0.3177



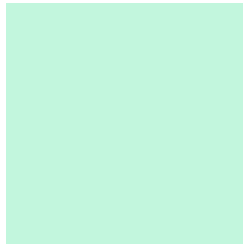
11.1865, 0.5043, 0.2552



1.0038, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 82.6013, 0.2947, 0.3566 looks on a white background.

Color Contrast Check

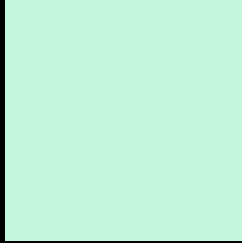
Large Text (above 18pt) WCAG AA × Fail

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 82.6013, 0.2947, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

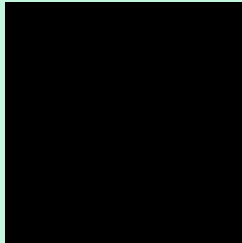
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

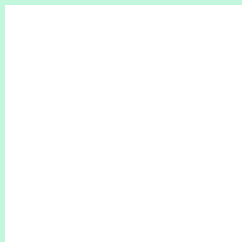
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6013, 0.2947, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 82.6013, 0.2947, 0.3566.

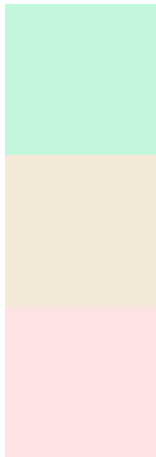


This preview shows how white text looks on a background with the Yxy color 82.6013, 0.2947, 0.3566.

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

82.6013, 0.2947, 0.3566

Protanopia

82.1876, 0.3318, 0.3486

Deuteranopia

81.7442, 0.3324, 0.3291



Tritanopia

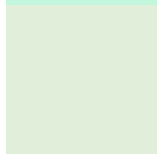
82.3629, 0.2840, 0.3122

Trichromacy



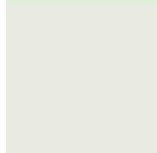
Original Color

82.6013, 0.2947, 0.3566



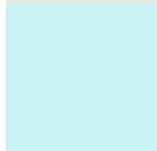
Protanomaly

82.1664, 0.3170, 0.3513



Deuteranomaly

81.6055, 0.3177, 0.3384



Tritanomaly

82.6718, 0.2878, 0.3279

Monochromacy



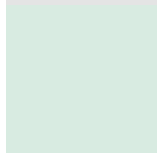
Original Color

82.6013, 0.2947, 0.3566



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.4518, 0.3062, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6013, 0.2947, 0.3566 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(194, 246, 221)` looks like.

```
.text, #text, p{  
    color:rgb(194, 246, 221)  
}
```

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(194, 246, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 246, 221) }
```

Border

The CSS property to change the border of an element to Yxy 82.6013, 0.2947, 0.3566 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(194, 246, 221) }
```

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

```
.border{ border-color:rgb(194, 246, 221) }
```

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

Here you see how a box with a 4 pixel rgb(194, 246, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 246, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 246, 221);  
box-shadow:4px 4px 4px 4px rgb(194, 246,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6013, 0.2947, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 246, 221) }
```

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

```
.background{ background-color: rgb(194,  
246, 221) }
```

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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