

Converting Colors

Yxy(84.1060, 0.3105, 0.3636)

Have a look what the booklet for
Yxy(84.1060, 0.3105, 0.3636)
contains.

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Color

Yxy(84.1060, 0.3105, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	D4F5D5
RGB	212, 245, 213
RGB Percent	83%, 96%, 84%
CMY	0.1684, 0.0392, 0.1648
CMYK	0.13, 0.00, 0.13, 0.04
HSL	122°, 62%, 90%
HSV	122°, 13%, 96%
XYZ	71.8232, 84.1060, 75.3854
YIQ	231.4850, -9.3960, -16.9480

Conversions

Conversions Part 2

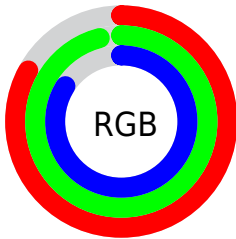
Format	Color
R _Y B	212, 244, 245
Decimal	13956565
CIE Lab	93.50, -16.55, 11.86
CIE LCh	93, 20.356, 144.381
Yxy	84.1060, 0.3105, 0.3636
Android (android.graphics.Color)	4292146645 (0xFFD4F5D5)
YUV	231.4850, -9.1131, -17.0883
Hunter-Lab	91.7093, -20.6970, 15.4599

Details

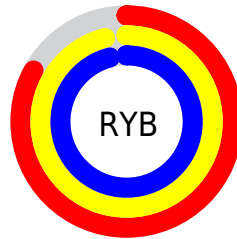
The Yxy color **84.1060, 0.3105, 0.3636** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.0612, 0.3149, 0.2967**, and the grayscale version is **80.3735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0319, 0.3099, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **79.6178, 0.3087, 0.3933**, and if you desaturate by 10%, it is **89.3313, 0.3122, 0.3373**.

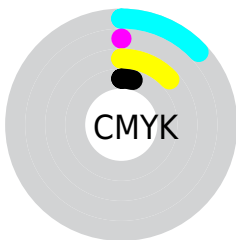
Distribution



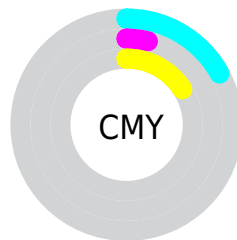
- Red (83%)
- Green (96%)
- Blue (84%)



- Red (83%)
- Yellow (96%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





- Cyan (17%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1060, 0.3105, 0.3636 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 84.1060, 0.3105, 0.3636 by changing the saturation by 10% instead.


 84.1060, 0.3105,
0.3636

 84.1060, 0.3105,
0.3636


508.6652, 0.3117,
0.3476

 63.1030, 0.3102,
0.3672

139.1234, 0.3109,
0.3581

 45.9245, 0.3098,
0.3718


173.9066, 0.3111,
0.3559

 32.1862, 0.3093,
0.3775

214.0520, 0.3112,
0.3540

 21.5038, 0.3085,
0.3849

259.9439, 0.3114,
0.3524

 13.4928, 0.3074,
0.3950

311.9668, 0.3115,
0.3510

 7.7687, 0.3056,
0.4096

370.5050, 0.3115,

 3.9473, 0.3024,

0.3497

0.4324

435.9430, 0.3116,
0.3486

■ 1.6441, 0.2963,
0.4737

■ 0.3871, 0.0000,
1.0000

■ 84.1060, 0.3105,
0.3636

■ 84.1060, 0.3105,
0.3636

■ 79.6178, 0.3087,
0.3933

■ 89.3313, 0.3122,
0.3373

■ 75.8235, 0.3068,
0.4261

■ 93.7814, 0.3132,
0.3194

■ 72.6917, 0.3049,
0.4610

■ 70.1844, 0.3031,
0.4964

■ 68.2598, 0.3016,
0.5300

■ 66.8709, 0.3004,
0.5589

■ 65.9635, 0.2998,
0.5808

■ 65.4719, 0.2997,
0.5943

■ 65.3165, 0.2997,
0.5988

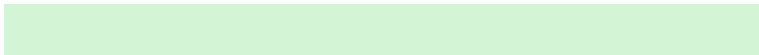
Harmonies

Analogous

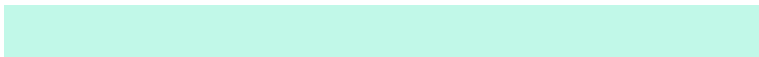
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1060, 0.3337, 0.3705



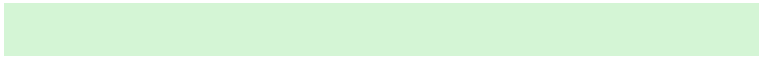
84.1060, 0.3105, 0.3636



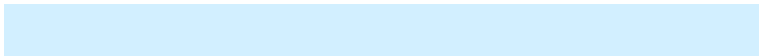
84.1060, 0.2885, 0.3463

Triad

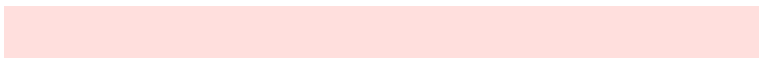
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1060, 0.3105, 0.3636



84.1060, 0.2747, 0.2927



84.1060, 0.3537, 0.3315

Complementary

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



84.1060, 0.3105, 0.3636



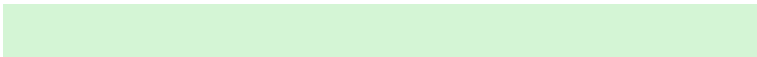
73.0612, 0.3149, 0.2967

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.



84.1060, 0.3367, 0.3123



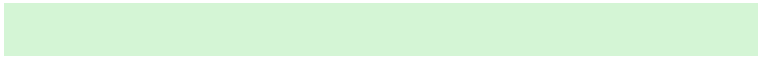
84.1060, 0.3105, 0.3636



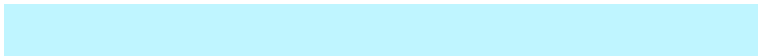
84.1060, 0.2910, 0.2903

Square

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



84.1060, 0.3105, 0.3636



84.1060, 0.2684, 0.3047



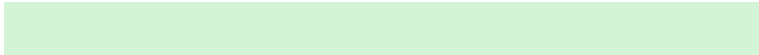
84.1060, 0.3136, 0.2975



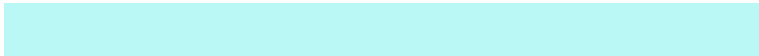
84.1060, 0.3592, 0.3508

Rectangle

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



84.1060, 0.3105, 0.3636



84.1060, 0.2774, 0.3317



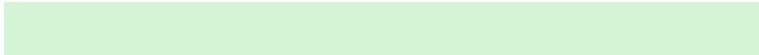
84.1060, 0.3136, 0.2975



84.1060, 0.3491, 0.3249

Sweetspot

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



84.1096, 0.3105, 0.3636



97.4944, 0.3121, 0.3387



89.3704, 0.3325, 0.3624



20.7702, 0.3120, 0.3405



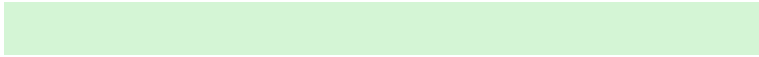
0.0000, 0.0000, 0.0000



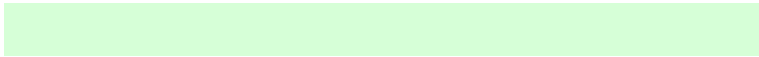
21.4041, 0.3127, 0.3290

Same Dimension

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



84.1096, 0.3105, 0.3636



90.7705, 0.3100, 0.3710



84.9677, 0.3012, 0.3459



18.4796, 0.3112, 0.3528



35.1925, 0.2995, 0.5982



3.0957, 0.2983, 0.5938

Inverse Universe

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



73.0612, 0.3149, 0.2967



76.6007, 0.3153, 0.2903



72.1255, 0.3260, 0.3127



16.7598, 0.3142, 0.3063



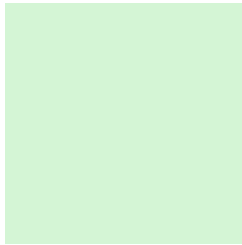
13.7905, 0.3281, 0.1581



1.2146, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 84.1060, 0.3105, 0.3636 looks on a white background.

Color Contrast Check

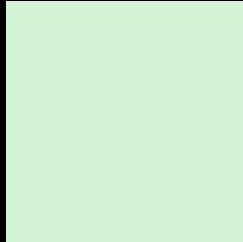
Large Text (above 18pt) WCAG AA × Fail

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 84.1060, 0.3105, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

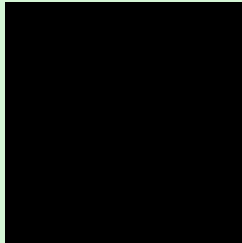
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

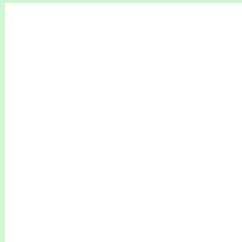
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.1060, 0.3105, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 84.1060, 0.3105, 0.3636.

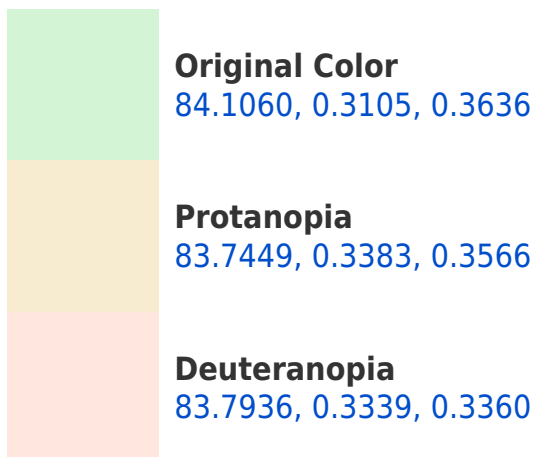


This preview shows how white text looks on a background with the Yxy color 84.1060, 0.3105, 0.3636.

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

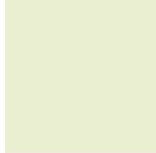
83.8987, 0.2924, 0.3115

Trichromacy



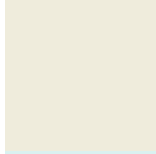
Original Color

84.1060, 0.3105, 0.3636



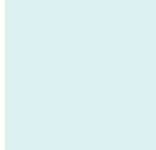
Protanomaly

83.8786, 0.3274, 0.3593



Deuteranomaly

83.5089, 0.3248, 0.3455



Tritanomaly

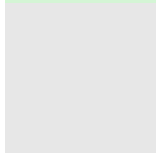
84.1073, 0.2986, 0.3300

Monochromacy



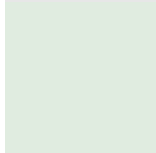
Original Color

84.1060, 0.3105, 0.3636



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.2200, 0.3121, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1060, 0.3105, 0.3636 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(212, 245, 213)` looks like.

```
.text, #text, p{  
    color:rgb(212, 245, 213)  
}
```

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(212, 245, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 245, 213) }
```

Border

The CSS property to change the border of an element to Yxy 84.1060, 0.3105, 0.3636 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(212, 245, 213) }
```

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

```
.border{ border-color:rgb(212, 245, 213) }
```

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

Here you see how a box with a 4 pixel rgb(212, 245, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 245, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 245, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 245,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1060, 0.3105, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 245, 213) }
```

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

```
.background{ background-color: rgb(212,  
245, 213) }
```

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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