

Converting Colors

Yxy(90.2665, 0.3106, 0.3749)

Have a look what the booklet for
Yxy(90.2665, 0.3106, 0.3749)
contains.

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Color

Yxy(90.2705, 0.3106, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFD4
RGB	212, 255, 212
RGB Percent	83%, 100%, 83%
CMY	0.1684, 0.0000, 0.1686
CMYK	0.17, 0.00, 0.17, 0.00
HSL	120°, 100%, 92%
HSV	120°, 17%, 100%
XYZ	74.8079, 90.2705, 75.7713
YIQ	237.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

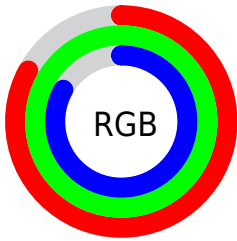
Format	Color
R_{YB}	212, 255, 255
Decimal	13959124
CIE _{Lab}	96.11, -21.58, 16.06
CIE _{LCh}	96, 26.903, 143.352
Yxy	90.2705, 0.3106, 0.3748
Android (android.graphics.Color)	4292149204 (0xFFD4FFD4)
YUV	237.2410, -12.4438, -22.1364
Hunter-Lab	95.0108, -25.7247, 19.2236

Details

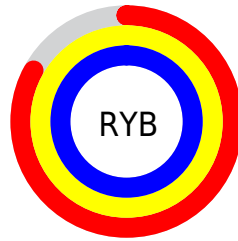
The Yxy color **90.2705, 0.3106, 0.3748** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.5579, 0.3146, 0.2871**, and the grayscale version is **84.9983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9906, 0.3101, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **85.5948, 0.3091, 0.4066**, and if you desaturate by 10%, it is **95.7541, 0.3119, 0.3464**.

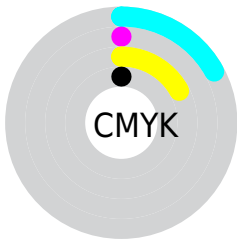
Distribution



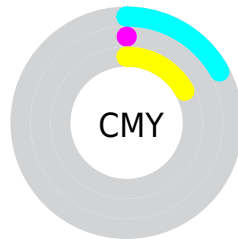
- Red (83%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2705, 0.3106, 0.3748 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 90.2705, 0.3106, 0.3748 by changing the saturation by 10% instead.

 90.2705, 0.3106,
0.3748

 90.2705, 0.3106,
0.3748

528.9104, 0.3119,
0.3538

 68.2050, 0.3102,
0.3796


147.7141, 0.3111,
0.3675

 50.0645, 0.3098,
0.3854

183.8610, 0.3113,
0.3647

 35.4647, 0.3091,
0.3928


225.4704, 0.3114,
0.3623

 24.0210, 0.3082,
0.4024

272.9269, 0.3115,
0.3601

 15.3492, 0.3068,
0.4154

326.6147, 0.3116,
0.3582

 9.0649, 0.3045,
0.4338

386.9183, 0.3117,

 4.7835, 0.3004,

0.3566

0.4620

454.2221, 0.3118,
0.3551

■ 2.1208, 0.2919,
0.5108

■ 0.6763, 0.1463,
0.8537

■ 90.2705, 0.3106,
0.3748

■ 90.2705, 0.3106,
0.3748

■ 85.5948, 0.3091,
0.4066

■ 95.7541, 0.3119,
0.3464

■ 81.6782, 0.3075,
0.4413

99.9946, 0.3127,
0.3290

■ 78.4838, 0.3058,
0.4775

■ 75.9678, 0.3042,
0.5132

■ 74.0811, 0.3026,
0.5455

■ 72.7681, 0.3014,
0.5716

■ 71.9638, 0.3005,
0.5894

■ 71.5859, 0.3001,
0.5983

■ 71.5167, 0.3000,
0.6000

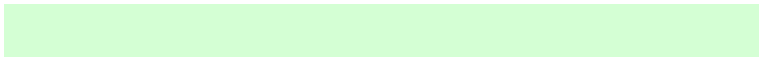
Harmonies

Analogous

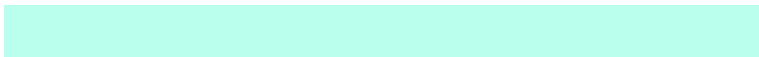
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2705, 0.3404, 0.3829



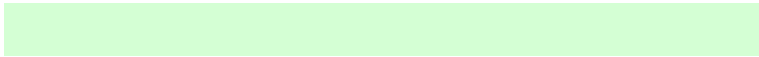
90.2705, 0.3106, 0.3748



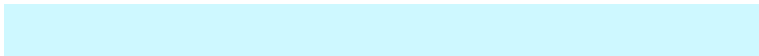
90.2705, 0.2823, 0.3523

Triad

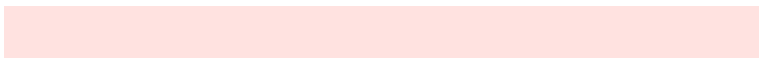
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2705, 0.3106, 0.3748



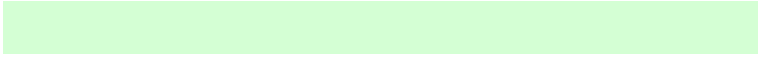
90.2705, 0.2635, 0.2827



90.2705, 0.3652, 0.3309

Complementary

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



90.2705, 0.3106, 0.3748



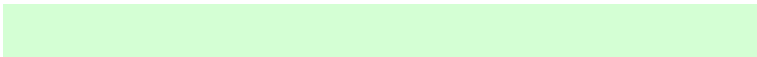
75.5579, 0.3146, 0.2871

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.



90.2705, 0.3427, 0.3068



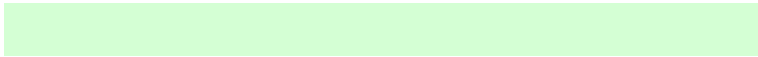
90.2705, 0.3106, 0.3748



90.2705, 0.2837, 0.2796

Square

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



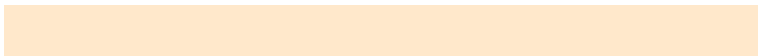
90.2705, 0.3106, 0.3748



90.2705, 0.2560, 0.2981



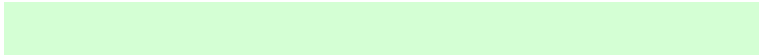
90.2705, 0.3126, 0.2884



90.2705, 0.3729, 0.3557

Rectangle

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



90.2705, 0.3106, 0.3748



90.2705, 0.2679, 0.3332



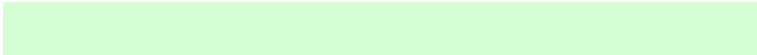
90.2705, 0.3126, 0.2884



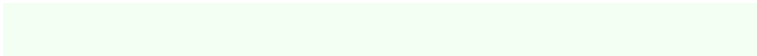
90.2705, 0.3591, 0.3225

Sweetspot

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



90.2743, 0.3106, 0.3748



96.8702, 0.3121, 0.3415



97.0706, 0.3383, 0.3704



20.6437, 0.3121, 0.3434



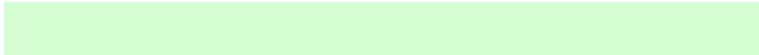
0.0000, 0.0000, 0.0000



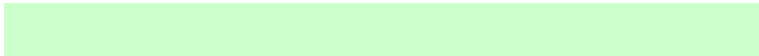
21.4041, 0.3127, 0.3290

Same Dimension

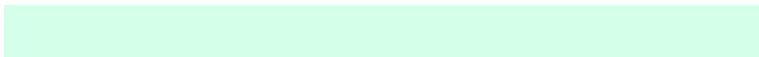
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2743, 0.3106, 0.3748



88.7259, 0.3102, 0.3845



91.3834, 0.2990, 0.3522



20.1693, 0.3116, 0.3536



37.3723, 0.3000, 0.6000



3.6392, 0.3001, 0.5999

Inverse Universe

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



75.5579, 0.3146, 0.2871



71.6537, 0.3150, 0.2791



74.3015, 0.3290, 0.3069



18.2992, 0.3138, 0.3056



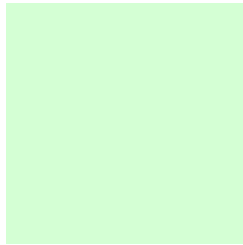
14.8506, 0.3206, 0.1540



1.4463, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 90.2705, 0.3106, 0.3748 looks on a white background.

Color Contrast Check

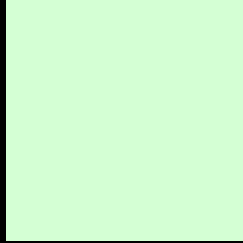
Large Text (above 18pt) WCAG AA × Fail

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 90.2705, 0.3106, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

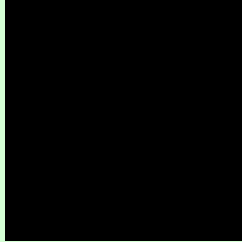
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

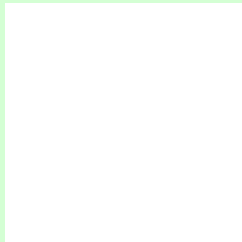
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2705, 0.3106, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 90.2705, 0.3106, 0.3748.

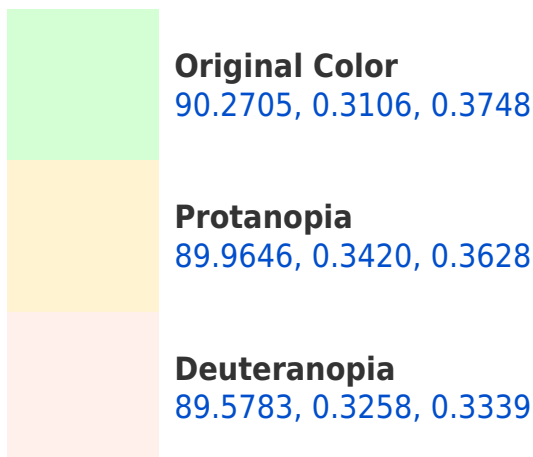


This preview shows how white text looks on a background with the Yxy color 90.2705, 0.3106, 0.3748.

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

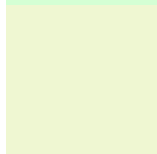
89.8485, 0.2993, 0.3190

Trichromacy



Original Color

90.2705, 0.3106, 0.3748



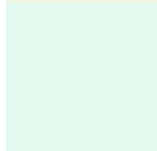
Protanomaly

89.5254, 0.3298, 0.3669



Deuteranomaly

89.2016, 0.3197, 0.3473



Tritanomaly

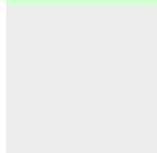
89.9909, 0.3035, 0.3392

Monochromacy



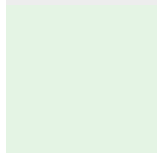
Original Color

90.2705, 0.3106, 0.3748



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.7968, 0.3119, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2705, 0.3106, 0.3748 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, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 212)  
}
```

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, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 90.2705, 0.3106, 0.3748 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, 255, 212) }
```

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

```
.border{ border-color:rgb(212, 255, 212) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2705, 0.3106, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 212) }
```

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

```
.background{ background-color: rgb(212,  
255, 212) }
```

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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