

Converting Colors

$Yxy(90.2942, 0.3079, 0.3660)$

Have a look what the booklet for
Yxy(90.2942, 0.3079, 0.3660)
contains.

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Color

Yxy(90.2942, 0.3079, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	D6FEDB
RGB	214, 254, 219
RGB Percent	84%, 100%, 86%
CMY	0.1608, 0.0039, 0.1411
CMYK	0.16, 0.00, 0.14, 0.00
HSL	128°, 95%, 92%
HSV	128°, 16%, 100%
XYZ	75.9606, 90.2942, 80.4507
YIQ	238.0500, -12.6050, -19.3650

Conversions

Conversions Part 2

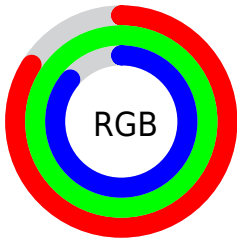
Format	Color
R_{YB}	214, 250, 254
Decimal	14089947
CIE _{Lab}	96.12, -19.27, 12.50
CIE _{LCh}	96, 22.967, 147.028
Yxy	90.2942, 0.3079, 0.3660
Android (android.graphics.Color)	4292280027 (0xFFD6FEDB)
YUV	238.0500, -9.3916, -21.0918
Hunter-Lab	95.0233, -23.5996, 16.3189

Details

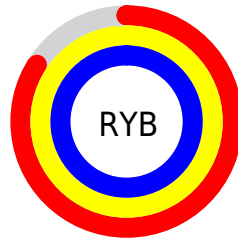
The Yxy color **90.2942, 0.3079, 0.3660** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0044, 0.3179, 0.2946**, and the grayscale version is **85.6251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9838, 0.3067, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **85.6762, 0.3048, 0.3934**, and if you desaturate by 10%, it is **95.6719, 0.3110, 0.3416**.

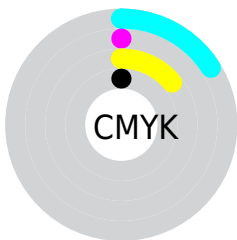
Distribution



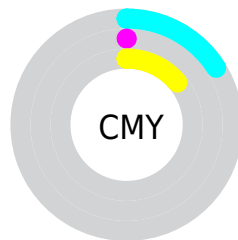
- Red (84%)
- Green (100%)
- Blue (86%)



- Red (84%)
- Yellow (98%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.2942, 0.3079, 0.3660 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 90.2942, 0.3079, 0.3660 by changing the saturation by 10% instead.


 90.2942, 0.3079,
0.3660

 90.2942, 0.3079,
0.3660

528.9874, 0.3103,
0.3491

 68.2247, 0.3073,
0.3698


147.7470, 0.3087,
0.3602

 50.0805, 0.3066,
0.3745


183.8990, 0.3091,
0.3579

 35.4774, 0.3057,
0.3804


225.5140, 0.3093,
0.3559

 24.0309, 0.3044,
0.3881

272.9764, 0.3096,
0.3542

 15.3565, 0.3027,
0.3984

326.6705, 0.3098,
0.3527

 9.0700, 0.3000,
0.4130

386.9808, 0.3100,

 4.7869, 0.2956,

0.3514

0.4354

454.2916, 0.3101,
0.3502

■ 2.1227, 0.2871,
0.4735

■ 0.6774, 0.2039,
0.7961

■ 90.2942, 0.3079,
0.3660

■ 90.2942, 0.3079,
0.3660

■ 85.6762, 0.3048,
0.3934

■ 95.6719, 0.3110,
0.3416

■ 81.7728, 0.3018,
0.4235

99.3666, 0.3128,
0.3281

■ 78.5516, 0.2992,
0.4555

■ 75.9731, 0.2970,
0.4883

■ 73.9938, 0.2957,
0.5200

■ 72.5649, 0.2953,
0.5484

■ 71.6296, 0.2958,
0.5714

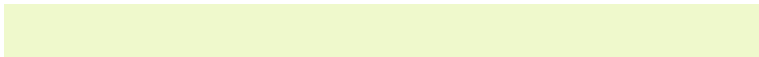
■ 71.1183, 0.2972,
0.5875

■ 70.9899, 0.2978,
0.5922

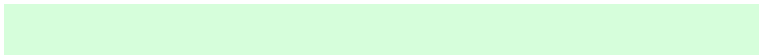
Harmonies

Analogous

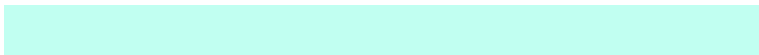
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2942, 0.3336, 0.3747



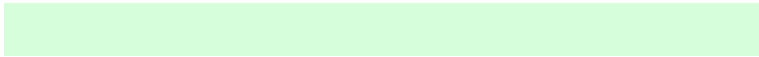
90.2942, 0.3079, 0.3660



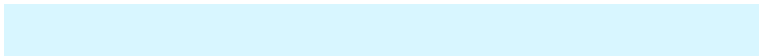
90.2942, 0.2842, 0.3460

Triad

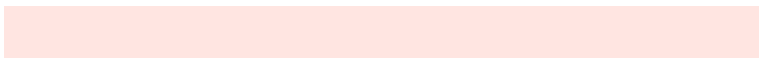
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2942, 0.3079, 0.3660



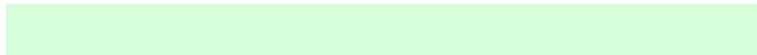
90.2942, 0.2721, 0.2884



90.2942, 0.3590, 0.3335

Complementary

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



90.2942, 0.3079, 0.3660



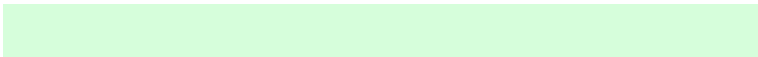
76.0044, 0.3179, 0.2946

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.



90.2942, 0.3412, 0.3124



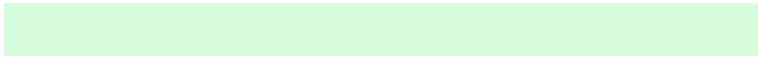
90.2942, 0.3079, 0.3660



90.2942, 0.2907, 0.2869

Square

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



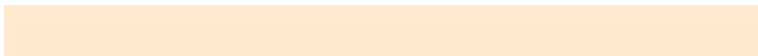
90.2942, 0.3079, 0.3660



90.2942, 0.2641, 0.3006



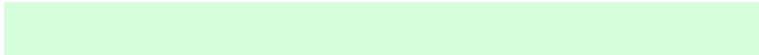
90.2942, 0.3159, 0.2956



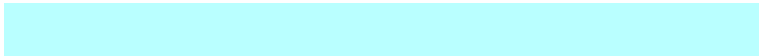
90.2942, 0.3638, 0.3545

Rectangle

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



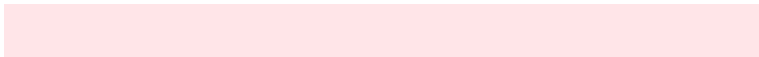
90.2942, 0.3079, 0.3660



90.2942, 0.2726, 0.3297



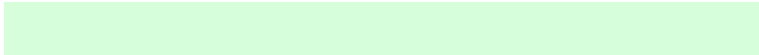
90.2942, 0.3159, 0.2956



90.2942, 0.3543, 0.3263

Sweetspot

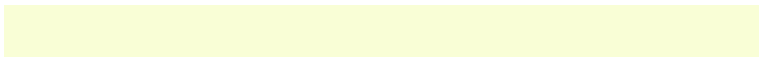
The Sweet Spot groups the original color and five complimentary colors.



90.2980, 0.3079, 0.3660



96.9639, 0.3112, 0.3399



95.9435, 0.3334, 0.3686



20.6664, 0.3110, 0.3415



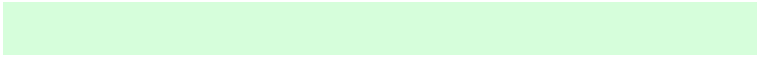
0.0000, 0.0000, 0.0000



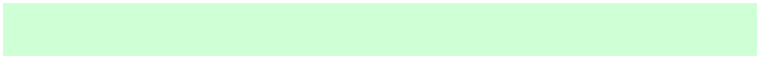
21.4041, 0.3127, 0.3290

Same Dimension

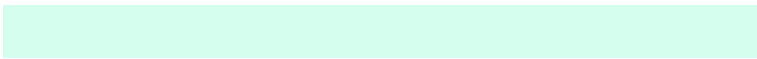
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2980, 0.3079, 0.3660



89.5055, 0.3069, 0.3746



91.3954, 0.2970, 0.3449



20.2052, 0.3098, 0.3504



37.4365, 0.2974, 0.5907



3.6562, 0.2931, 0.5752

Inverse Universe

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



76.0044, 0.3179, 0.2946



72.5030, 0.3191, 0.2873



74.8413, 0.3316, 0.3137



18.2589, 0.3157, 0.3085



13.9094, 0.3554, 0.1731



1.3648, 0.3509, 0.1707

Previews

White Background



This preview shows how the Yxy color 90.2942, 0.3079, 0.3660 looks on a white background.

Color Contrast Check

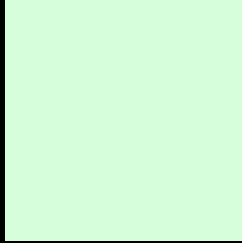
Large Text (above 18pt) WCAG AA × Fail

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 90.2942, 0.3079, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

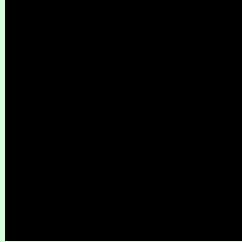
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

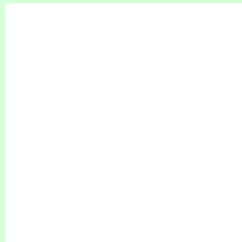
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2942, 0.3079, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 90.2942, 0.3079, 0.3660.

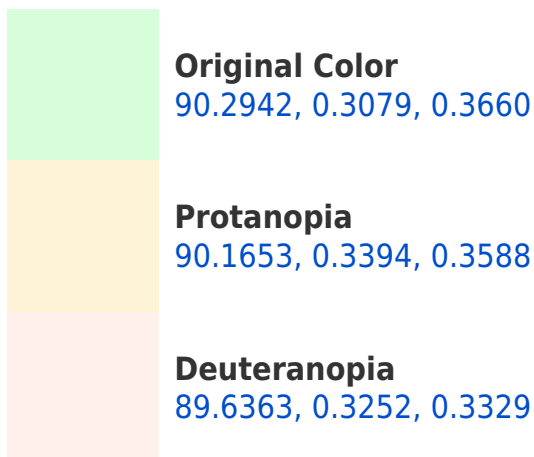


This preview shows how white text looks on a background with the Yxy color 90.2942, 0.3079, 0.3660.

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

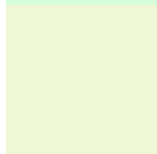
89.8485, 0.2993, 0.3190

Trichromacy



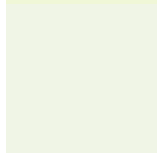
Original Color

90.2942, 0.3079, 0.3660



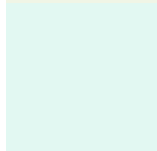
Protanomaly

89.9531, 0.3275, 0.3616



Deuteranomaly

89.5433, 0.3185, 0.3441



Tritanomaly

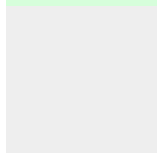
89.7144, 0.3024, 0.3351

Monochromacy



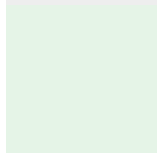
Original Color

90.2942, 0.3079, 0.3660



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.1289, 0.3108, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2942, 0.3079, 0.3660 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, 254, 219)` looks like.

```
.text, #text, p{  
    color:rgb(214, 254, 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, 254, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 254, 219) }
```

Border

The CSS property to change the border of an element to Yxy 90.2942, 0.3079, 0.3660 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, 254, 219) }
```

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

```
.border{ border-color:rgb(214, 254, 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, 254, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 254, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 254, 219);  
box-shadow:4px 4px 4px 4px rgb(214, 254,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2942, 0.3079, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 254, 219) }
```

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

```
.background{ background-color: rgb(214,  
254, 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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