

Converting Colors

Yxy(90.9839, 0.3068, 0.3573)

Have a look what the booklet for
Yxy(90.9839, 0.3068, 0.3573)
contains.

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Color

Yxy(90.8016, 0.3071, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	DBFDE2
RGB	219, 253, 226
RGB Percent	86%, 99%, 89%
CMY	0.1411, 0.0078, 0.1139
CMYK	0.13, 0.00, 0.11, 0.01
HSL	132°, 89%, 93%
HSV	132°, 13%, 99%
XYZ	78.0660, 90.8016, 85.3362
YIQ	239.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

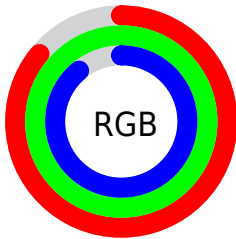
Format	Color
R _Y B	219, 247, 253
Decimal	14417378
CIE Lab	96.33, -15.92, 9.27
CIE LCh	96, 18.427, 149.788
Yxy	90.8016, 0.3071, 0.3572
Android (android.graphics.Color)	4292607458 (0xFFDBFDE2)
YUV	239.7560, -6.7817, -18.2030
Hunter-Lab	95.2899, -20.5216, 13.6061

Details

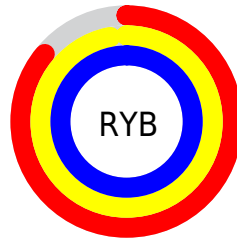
The Yxy color **90.8016, 0.3071, 0.3572** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.2142, 0.3189, 0.3023**, and the grayscale version is **87.0005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3126, 0.3057, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **86.1337, 0.3029, 0.3814**, and if you desaturate by 10%, it is **96.2034, 0.3113, 0.3358**.

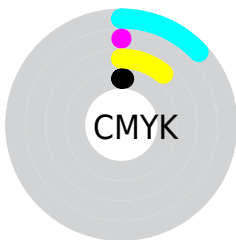
Distribution



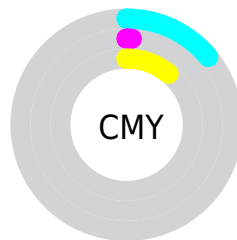
- Red (86%)
- Green (99%)
- Blue (89%)



- Red (86%)
- Yellow (97%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)





- Cyan (14%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.8016, 0.3071, 0.3572 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 90.8016, 0.3071, 0.3572 by changing the saturation by 10% instead.


 90.8016, 0.3071,
0.3572

 90.8016, 0.3071,
0.3572


530.6350, 0.3097,
0.3444

 68.6457, 0.3065,
0.3601


148.4514, 0.3080,
0.3528

 50.4232, 0.3057,
0.3636


184.7140, 0.3084,
0.3511

 35.7498, 0.3048,
0.3680


226.4476, 0.3087,
0.3496

 24.2410, 0.3035,
0.3737

274.0367, 0.3089,
0.3483

 15.5125, 0.3018,
0.3814

327.8655, 0.3092,
0.3471

 9.1799, 0.2993,
0.3922

388.3186, 0.3094,

 4.8587, 0.2953,

0.3461

0.4087

455.7803, 0.3096,
0.3452

■ 2.1646, 0.2882,
0.4364

■ 0.7006, 0.2537,
0.6414

■ 90.8016, 0.3071,
0.3572

■ 90.8016, 0.3071,
0.3572

■ 86.1337, 0.3029,
0.3814

■ 96.2034, 0.3113,
0.3358

■ 82.1568, 0.2990,
0.4081

■ 98.7334, 0.3128,
0.3271

■ 78.8411, 0.2955,
0.4369

■ 76.1502, 0.2927,
0.4671

■ 74.0440, 0.2909,
0.4974

■ 72.4780, 0.2904,
0.5260

■ 71.4005, 0.2912,
0.5513

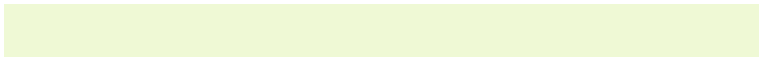
■ 70.7497, 0.2933,
0.5716

■ 70.4986, 0.2949,
0.5818

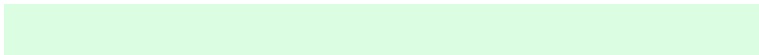
Harmonies

Analogous

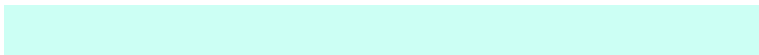
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8016, 0.3278, 0.3652



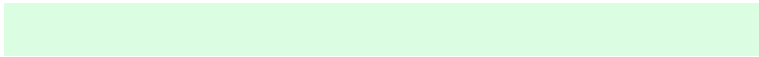
90.8016, 0.3071, 0.3572



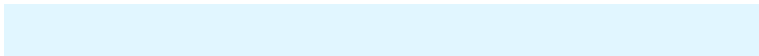
90.8016, 0.2884, 0.3409

Triad

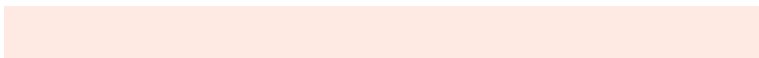
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.8016, 0.3071, 0.3572



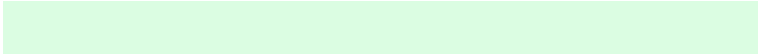
90.8016, 0.2811, 0.2958



90.8016, 0.3505, 0.3345

Complementary

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



90.8016, 0.3071, 0.3572



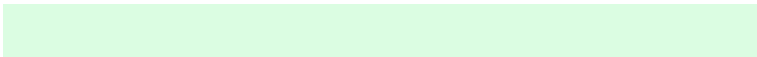
78.2142, 0.3189, 0.3023

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.



90.8016, 0.3372, 0.3171



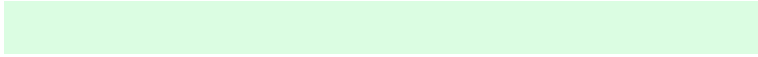
90.8016, 0.3071, 0.3572



90.8016, 0.2969, 0.2953

Square

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



90.8016, 0.3071, 0.3572



90.8016, 0.2737, 0.3052



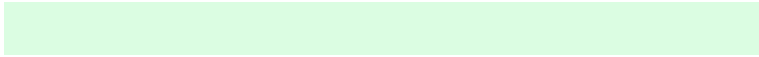
90.8016, 0.3174, 0.3030



90.8016, 0.3533, 0.3511

Rectangle

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



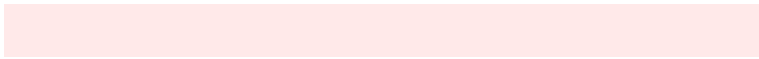
90.8016, 0.3071, 0.3572



90.8016, 0.2794, 0.3279



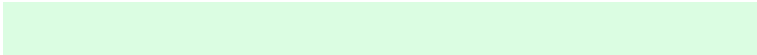
90.8016, 0.3174, 0.3030



90.8016, 0.3471, 0.3286

Sweetspot

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



90.8055, 0.3071, 0.3572



97.6048, 0.3111, 0.3369



94.9992, 0.3284, 0.3628



20.7980, 0.3107, 0.3384



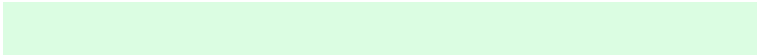
0.0000, 0.0000, 0.0000



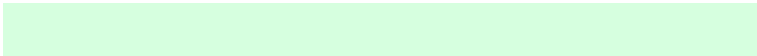
21.4041, 0.3127, 0.3290

Same Dimension

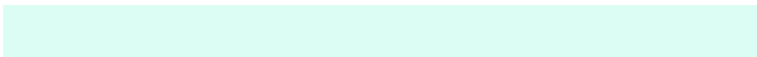
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8055, 0.3071, 0.3572



91.1490, 0.3060, 0.3632



91.7760, 0.2977, 0.3394



20.2289, 0.3087, 0.3485



37.5178, 0.2943, 0.5796



3.6678, 0.2889, 0.5600

Inverse Universe

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



78.2142, 0.3189, 0.3023



76.1490, 0.3202, 0.2971



77.2258, 0.3304, 0.3188



18.2330, 0.3169, 0.3103



13.3814, 0.3806, 0.1871



1.3182, 0.3725, 0.1826

Previews

White Background



This preview shows how the Yxy color 90.8016, 0.3071, 0.3572 looks on a white background.

Color Contrast Check

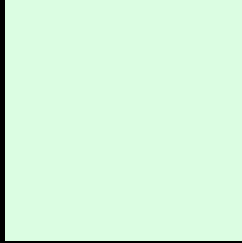
Large Text (above 18pt) WCAG AA × Fail

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 90.8016, 0.3071, 0.3572 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

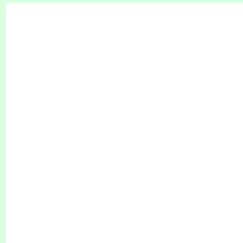
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.8016, 0.3071, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 90.8016, 0.3071, 0.3572.

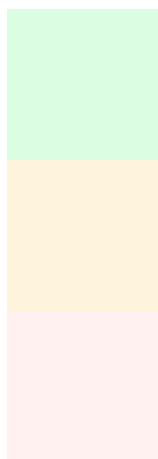


This preview shows how white text looks on a background with the Yxy color 90.8016, 0.3071, 0.3572.

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

90.8016, 0.3071, 0.3572

Protanopia

90.3925, 0.3336, 0.3508

Deuteranopia

90.4026, 0.3232, 0.3310



Tritanopia

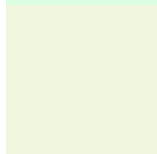
90.3577, 0.3012, 0.3191

Trichromacy



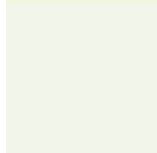
Original Color

90.8016, 0.3071, 0.3572



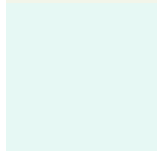
Protanomaly

90.5500, 0.3232, 0.3533



Deuteranomaly

90.1226, 0.3174, 0.3400



Tritanomaly

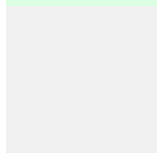
90.4895, 0.3037, 0.3330

Monochromacy



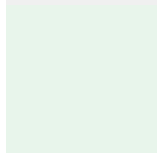
Original Color

90.8016, 0.3071, 0.3572



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4588, 0.3103, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8016, 0.3071, 0.3572 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(219, 253, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 253, 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(219, 253, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 253, 226) }
```

Border

The CSS property to change the border of an element to Yxy 90.8016, 0.3071, 0.3572 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(219, 253, 226) }
```

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

```
.border{ border-color:rgb(219, 253, 226) }
```

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

Here you see how a box with a 4 pixel rgb(219, 253, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 253, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 253, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 253,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8016, 0.3071, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 253, 226) }
```

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

```
.background{ background-color: rgb(219,  
253, 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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