

Converting Colors

$Yxy(90.4492, 0.3087, 0.3587)$

Have a look what the booklet for
Yxy(90.4492, 0.3087, 0.3587)
contains.

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Color

Yxy(90.2183, 0.3089, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	DCFCE0
RGB	220, 252, 224
RGB Percent	86%, 99%, 88%
CMY	0.1369, 0.0118, 0.1215
CMYK	0.13, 0.00, 0.11, 0.01
HSL	127°, 84%, 93%
HSV	127°, 13%, 99%
XYZ	77.8013, 90.2183, 83.8461
YIQ	239.2400, -10.0840, -15.4920

Conversions

Conversions Part 2

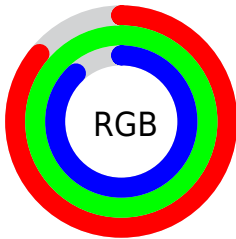
Format	Color
R _Y B	220, 248, 252
Decimal	14482656
CIE Lab	96.09, -15.41, 9.94
CIE LCh	96, 18.339, 147.194
Yxy	90.2183, 0.3089, 0.3582
Android (android.graphics.Color)	4292672736 (0xFFDCFCFCE0)
YUV	239.2400, -7.5133, -16.8735
Hunter-Lab	94.9833, -20.0105, 14.1503

Details

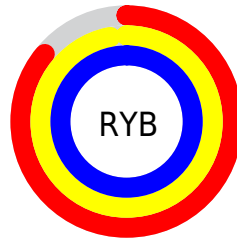
The Yxy color **90.2183, 0.3089, 0.3582** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.7052, 0.3168, 0.3014**, and the grayscale version is **86.5929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8941, 0.3079, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **85.4581, 0.3058, 0.3847**, and if you desaturate by 10%, it is **95.7346, 0.3119, 0.3347**.

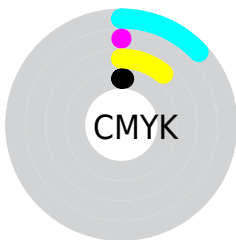
Distribution



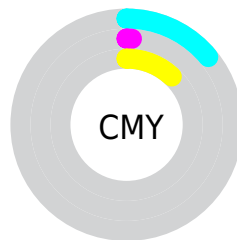
- Red (86%)
- Green (99%)
- Blue (88%)



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



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





- Cyan (14%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2183, 0.3089, 0.3582 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 90.2183, 0.3089, 0.3582 by changing the saturation by 10% instead.


 90.2183, 0.3089,
0.3582

 90.2183, 0.3089,
0.3582

528.7407, 0.3107,
0.3449

 68.1617, 0.3085,
0.3612


147.6416, 0.3096,
0.3536

 50.0293, 0.3079,
0.3648


183.7771, 0.3098,
0.3518

 35.4367, 0.3072,
0.3694


225.3743, 0.3100,
0.3503

 23.9995, 0.3063,
0.3754

272.8177, 0.3102,
0.3490

 15.3332, 0.3050,
0.3834

326.4917, 0.3104,
0.3478

 9.0536, 0.3030,
0.3947

386.7805, 0.3105,

 4.7761, 0.2999,

0.3467

0.4118

454.0688, 0.3106,
0.3458

■ 2.1165, 0.2940,
0.4409

■ 0.6739, 0.2704,
0.6896

■ 90.2183, 0.3089,
0.3582

■ 90.2183, 0.3089,
0.3582

■ 85.4581, 0.3058,
0.3847

■ 95.7346, 0.3119,
0.3347

■ 81.4101, 0.3028,
0.4141

■ 98.0900, 0.3129,
0.3261

■ 78.0434, 0.3001,
0.4457

■ 75.3204, 0.2977,
0.4785

■ 73.1995, 0.2961,
0.5107

■ 71.6348, 0.2954,
0.5404

■ 70.5731, 0.2957,
0.5652

■ 69.9509, 0.2968,
0.5835

■ 69.7092, 0.2979,
0.5924

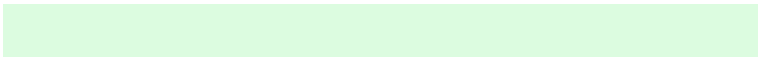
Harmonies

Analogous

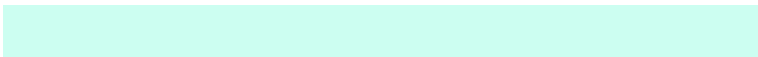
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2183, 0.3294, 0.3653



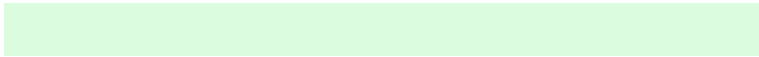
90.2183, 0.3089, 0.3582



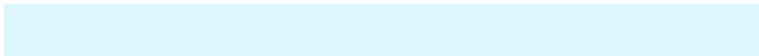
90.2183, 0.2899, 0.3424

Triad

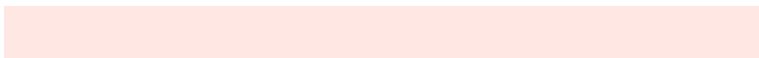
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2183, 0.3089, 0.3582



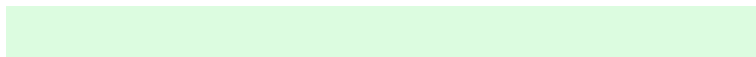
90.2183, 0.2801, 0.2964



90.2183, 0.3496, 0.3330

Complementary

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



90.2183, 0.3089, 0.3582



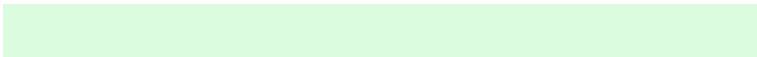
78.7052, 0.3168, 0.3014

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.



90.2183, 0.3356, 0.3158



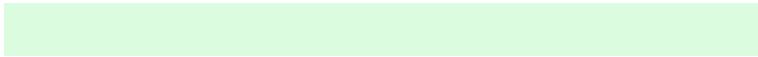
90.2183, 0.3089, 0.3582



90.2183, 0.2953, 0.2950

Square

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



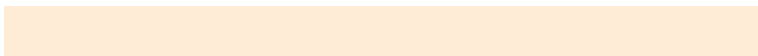
90.2183, 0.3089, 0.3582



90.2183, 0.2736, 0.3064



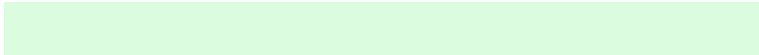
90.2183, 0.3155, 0.3021



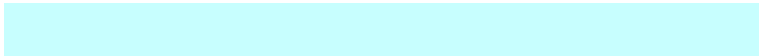
90.2183, 0.3534, 0.3498

Rectangle

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



90.2183, 0.3089, 0.3582



90.2183, 0.2804, 0.3296



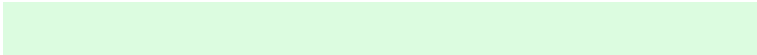
90.2183, 0.3155, 0.3021



90.2183, 0.3459, 0.3271

Sweetspot

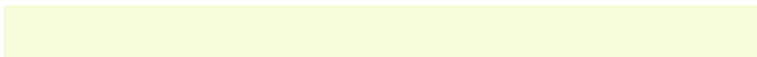
The Sweet Spot groups the original color and five complimentary colors.



90.2221, 0.3089, 0.3582



97.5538, 0.3115, 0.3377



94.7863, 0.3293, 0.3606



20.7851, 0.3113, 0.3394



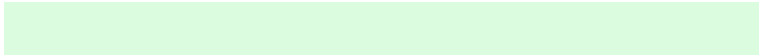
0.0000, 0.0000, 0.0000



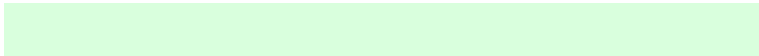
21.4041, 0.3127, 0.3290

Same Dimension

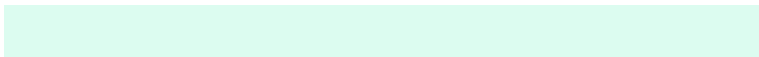
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2221, 0.3089, 0.3582



91.4787, 0.3082, 0.3642



91.1161, 0.3000, 0.3416



19.3440, 0.3099, 0.3504



36.3291, 0.2974, 0.5908



3.3754, 0.2930, 0.5747

Inverse Universe

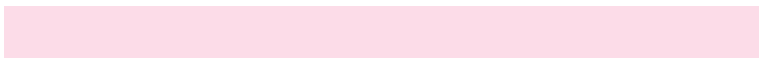
The Inverse Universe completely reimagines the original color for something new.



78.7052, 0.3168, 0.3014



77.6770, 0.3176, 0.2962



77.7687, 0.3274, 0.3168



17.4856, 0.3157, 0.3085



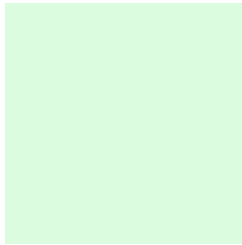
13.5133, 0.3547, 0.1728



1.2616, 0.3501, 0.1702

Previews

White Background



This preview shows how the Yxy color 90.2183, 0.3089, 0.3582 looks on a white background.

Color Contrast Check

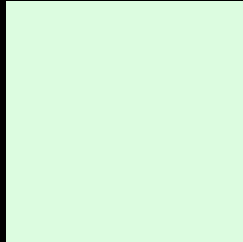
Large Text (above 18pt) WCAG AA × Fail

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 90.2183, 0.3089, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

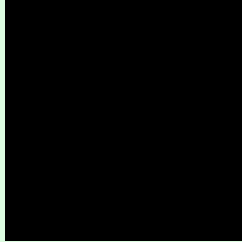
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

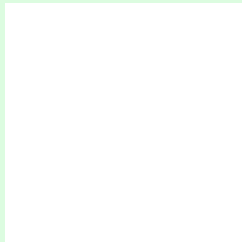
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2183, 0.3089, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 90.2183, 0.3089, 0.3582.

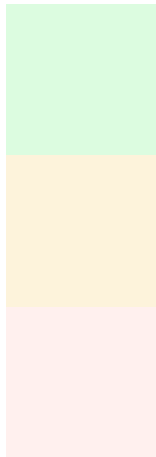


This preview shows how white text looks on a background with the Yxy color 90.2183, 0.3089, 0.3582.

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

90.2183, 0.3089, 0.3582

Protanopia

90.0983, 0.3342, 0.3528

Deuteranopia

89.7532, 0.3239, 0.3310



Tritanopia

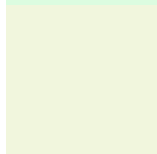
90.1870, 0.3006, 0.3190

Trichromacy



Original Color

90.2183, 0.3089, 0.3582



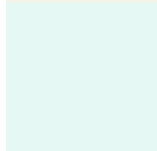
Protanomaly

89.8328, 0.3246, 0.3543



Deuteranomaly

89.4618, 0.3181, 0.3400



Tritanomaly

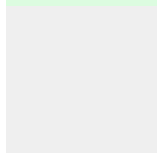
90.4895, 0.3037, 0.3330

Monochromacy



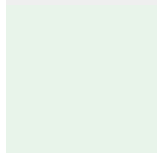
Original Color

90.2183, 0.3089, 0.3582



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.7977, 0.3109, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2183, 0.3089, 0.3582 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(220, 252, 224)` looks like.

```
.text, #text, p{  
    color:rgb(220, 252, 224)  
}
```

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(220, 252, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 252, 224) }
```

Border

The CSS property to change the border of an element to Yxy 90.2183, 0.3089, 0.3582 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(220, 252, 224) }
```

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

```
.border{ border-color:rgb(220, 252, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 252, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 252, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 252, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 252,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2183, 0.3089, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 252, 224) }
```

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

```
.background{ background-color: rgb(220,  
252, 224) }
```

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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