

Converting Colors

$Yxy(90.6992, 0.3081, 0.3687)$

Have a look what the booklet for
Yxy(90.6992, 0.3081, 0.3687)
contains.

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Color

Yxy(90.7281, 0.3078, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFDA
RGB	213, 255, 218
RGB Percent	84%, 100%, 85%
CMY	0.1649, 0.0000, 0.1451
CMYK	0.16, 0.00, 0.15, 0.00
HSL	127°, 100%, 92%
HSV	127°, 16%, 100%
XYZ	75.8449, 90.7281, 79.8368
YIQ	238.2240, -13.1550, -20.4110

Conversions

Conversions Part 2

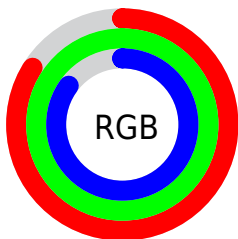
Format	Color
R_{YB}	213, 251, 255
Decimal	14024666
CIE _{Lab}	96.30, -20.28, 13.27
CIE _{LCh}	96, 24.232, 146.798
Yxy	90.7281, 0.3078, 0.3682
Android (android.graphics.Color)	4292214746 (0xFFD5FFDA)
YUV	238.2240, -9.9704, -22.1214
Hunter-Lab	95.2513, -24.5571, 16.9808

Details

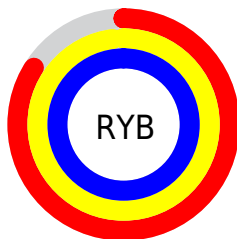
The Yxy color **90.7281, 0.3078, 0.3682** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.7275, 0.3180, 0.2927**, and the grayscale version is **85.7571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3016, 0.3066, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **86.1074, 0.3048, 0.3960**, and if you desaturate by 10%, it is **96.0939, 0.3108, 0.3434**.

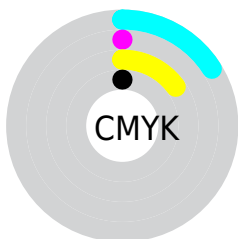
Distribution



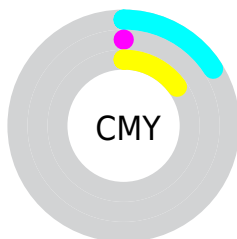
- Red (84%)
- Green (100%)
- Blue (85%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.7281, 0.3078, 0.3682 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 90.7281, 0.3078, 0.3682 by changing the saturation by 10% instead.

 90.7281, 0.3078,
0.3682

 90.7281, 0.3078,
0.3682


530.3965, 0.3102,
0.3503

 68.5847, 0.3072,
0.3722


148.3493, 0.3087,
0.3620

 50.3736, 0.3065,
0.3772


184.5960, 0.3090,
0.3596

 35.7103, 0.3055,
0.3835


226.3124, 0.3093,
0.3575

 24.2105, 0.3042,
0.3916

273.8832, 0.3095,
0.3557

 15.4899, 0.3023,
0.4026

327.6925, 0.3097,
0.3541

 9.1639, 0.2995,
0.4181

388.1250, 0.3099,

 4.8482, 0.2948,

0.3527

0.4418

455.5648, 0.3101,
0.3514

■ 2.1585, 0.2858,
0.4822

■ 0.6972, 0.1939,
0.8061

■ 90.7281, 0.3078,
0.3682

■ 90.7281, 0.3078,
0.3682

■ 86.1074, 0.3048,
0.3960

■ 96.0939, 0.3108,
0.3434

■ 82.2178, 0.3019,
0.4264

100.0000, 0.3127,
0.3290

■ 79.0156, 0.2993,
0.4588

■ 76.4606, 0.2972,
0.4917

■ 74.5083, 0.2960,
0.5233

■ 73.1086, 0.2956,
0.5514

■ 72.2033, 0.2962,
0.5738

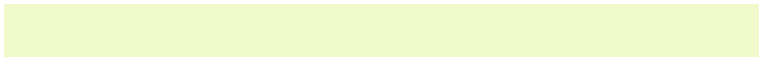
■ 71.7204, 0.2976,
0.5891

■ 71.6164, 0.2980,
0.5928

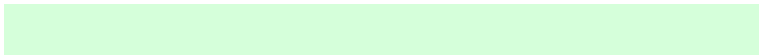
Harmonies

Analogous

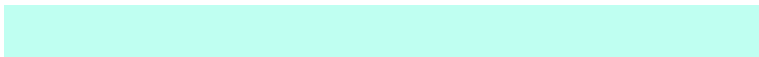
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.7281, 0.3348, 0.3773



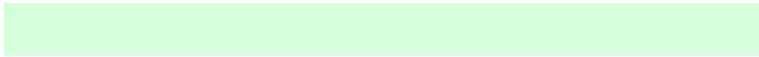
90.7281, 0.3078, 0.3682



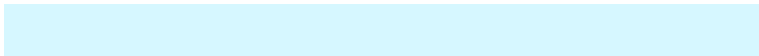
90.7281, 0.2829, 0.3471

Triad

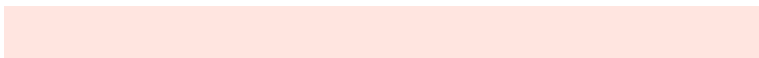
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.7281, 0.3078, 0.3682



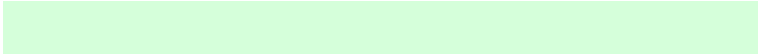
90.7281, 0.2699, 0.2863



90.7281, 0.3614, 0.3335

Complementary

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



90.7281, 0.3078, 0.3682



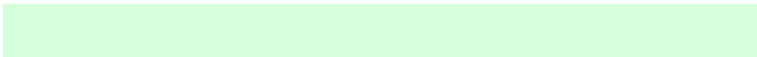
75.7275, 0.3180, 0.2927

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.



90.7281, 0.3425, 0.3113



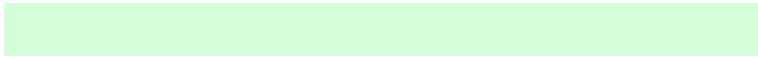
90.7281, 0.3078, 0.3682



90.7281, 0.2894, 0.2847

Square

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



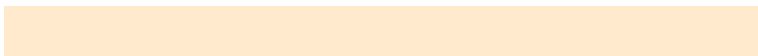
90.7281, 0.3078, 0.3682



90.7281, 0.2616, 0.2992



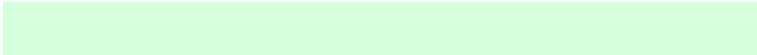
90.7281, 0.3159, 0.2938



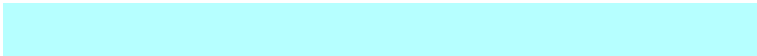
90.7281, 0.3666, 0.3556

Rectangle

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



90.7281, 0.3078, 0.3682



90.7281, 0.2706, 0.3299



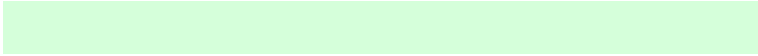
90.7281, 0.3159, 0.2938



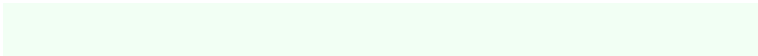
90.7281, 0.3564, 0.3259

Sweetspot

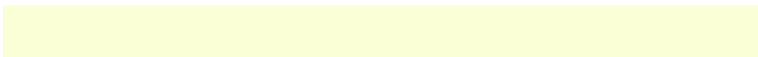
The Sweet Spot groups the original color and five complimentary colors.



90.7213, 0.3078, 0.3682



96.9596, 0.3113, 0.3400



96.6635, 0.3344, 0.3705



20.6653, 0.3110, 0.3416



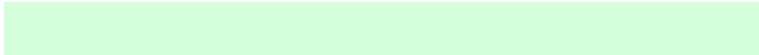
0.0000, 0.0000, 0.0000



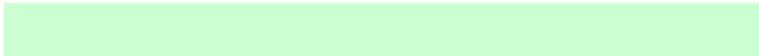
21.4041, 0.3127, 0.3290

Same Dimension

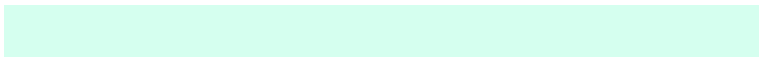
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.7213, 0.3078, 0.3682



89.0157, 0.3067, 0.3776



91.8850, 0.2963, 0.3457



20.2035, 0.3099, 0.3506



37.4322, 0.2976, 0.5913



3.6554, 0.2934, 0.5763

Inverse Universe

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



75.7275, 0.3180, 0.2927



71.2787, 0.3193, 0.2848



74.4887, 0.3326, 0.3129



18.2607, 0.3156, 0.3083



13.9493, 0.3537, 0.1722



1.3683, 0.3494, 0.1699

Previews

White Background



This preview shows how the Yxy color 90.7281, 0.3078, 0.3682 looks on a white background.

Color Contrast Check

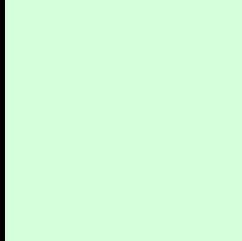
Large Text (above 18pt) WCAG AA × Fail

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 90.7281, 0.3078, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

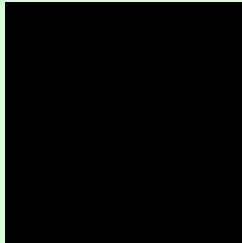
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

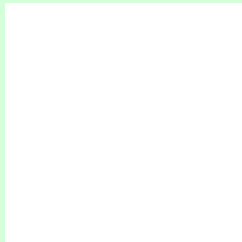
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.7281, 0.3078, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 90.7281, 0.3078, 0.3682.

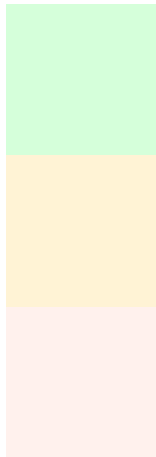


This preview shows how white text looks on a background with the Yxy color 90.7281, 0.3078, 0.3682.

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

90.7281, 0.3078, 0.3682

Protanopia

90.1653, 0.3394, 0.3588

Deuteranopia

90.2850, 0.3244, 0.3329



Tritanopia

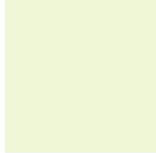
90.6240, 0.2999, 0.3200

Trichromacy



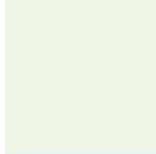
Original Color

90.7281, 0.3078, 0.3682



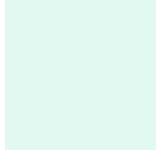
Protanomaly

89.9531, 0.3275, 0.3616



Deuteranomaly

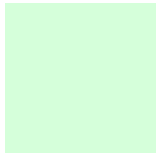
90.1500, 0.3184, 0.3451



Tritanomaly

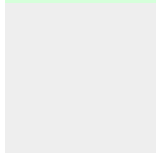
90.3309, 0.3024, 0.3361

Monochromacy



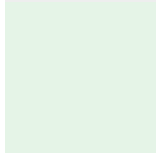
Original Color

90.7281, 0.3078, 0.3682



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 90.7281, 0.3078, 0.3682 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(213, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 218)  
}
```

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(213, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 90.7281, 0.3078, 0.3682 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(213, 255, 218) }
```

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

```
.border{ border-color:rgb(213, 255, 218) }
```

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

Here you see how a box with a 4 pixel rgb(213, 255, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 90.7281, 0.3078, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 218) }
```

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

```
.background{ background-color: rgb(213,  
255, 218) }
```

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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