

Converting Colors

Yxy(91.0391, 0.3111, 0.3627)

Have a look what the booklet for
Yxy(91.0391, 0.3111, 0.3627)
contains.

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Color

Yxy(90.8432, 0.3111, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	DDFDDD
RGB	221, 253, 221
RGB Percent	87%, 99%, 87%
CMY	0.1336, 0.0078, 0.1333
CMYK	0.13, 0.00, 0.13, 0.01
HSL	120°, 89%, 93%
HSV	120°, 13%, 99%
XYZ	77.9838, 90.8432, 81.8441
YIQ	239.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

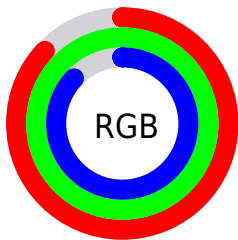
Format	Color
R _Y B	221, 253, 253
Decimal	14548445
CIE Lab	96.35, -16.16, 11.85
CIE LCh	96, 20.042, 143.746
Yxy	90.8432, 0.3111, 0.3624
Android (android.graphics.Color)	4292738525 (0xFFDDFFDD)
YUV	239.7840, -9.2605, -16.4736
Hunter-Lab	95.3117, -20.7473, 15.8059

Details

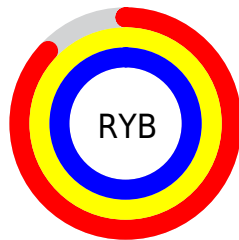
The Yxy color **90.8432, 0.3111, 0.3624** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.6564, 0.3142, 0.2977**, and the grayscale version is **87.0347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3400, 0.3108, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **85.9256, 0.3096, 0.3928**, and if you desaturate by 10%, it is **96.5692, 0.3124, 0.3356**.

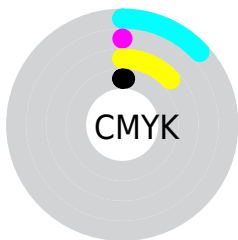
Distribution



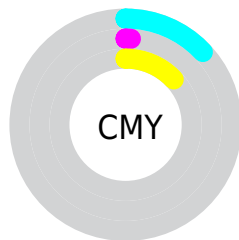
- Red (87%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (99%)



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



- Cyan (13%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.8432, 0.3111, 0.3624 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 90.8432, 0.3111, 0.3624 by changing the saturation by 10% instead.

90.8432, 0.3111,
0.3624

90.8432, 0.3111,
0.3624

530.7699, 0.3120,
0.3472

68.6802, 0.3109,
0.3658

148.5091, 0.3114,
0.3572

50.4513, 0.3106,
0.3700

184.7808, 0.3116,
0.3551

35.7721, 0.3101,
0.3753

226.5241, 0.3117,
0.3534

24.2583, 0.3096,
0.3821

274.1235, 0.3118,
0.3518

15.5253, 0.3087,
0.3912

327.9635, 0.3118,
0.3505

9.1889, 0.3074,
0.4042

388.4282, 0.3119,

4.8646, 0.3050,

0.3492

0.4238

455.9023, 0.3119,
0.3482

■ 2.1680, 0.3001,
0.4569

■ 0.7025, 0.2800,
0.7200

■ 90.8432, 0.3111,
0.3624

■ 90.8432, 0.3111,
0.3624

■ 85.9256, 0.3096,
0.3928

■ 96.5692, 0.3124,
0.3356

■ 81.7691, 0.3080,
0.4263

■ 98.7425, 0.3128,
0.3271

■ 78.3392, 0.3063,
0.4620

■ 75.5942, 0.3046,
0.4981

■ 73.4881, 0.3030,
0.5321

■ 71.9694, 0.3017,
0.5612

■ 70.9786, 0.3007,
0.5828

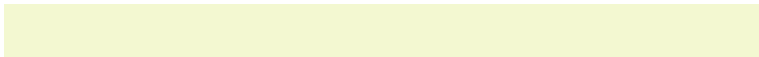
■ 70.4436, 0.3002,
0.5955

■ 70.2638, 0.3000,
0.5999

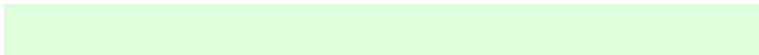
Harmonies

Analogous

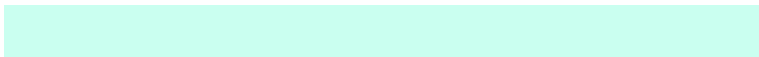
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8432, 0.3333, 0.3688



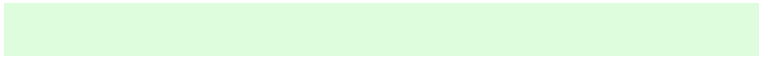
90.8432, 0.3111, 0.3624



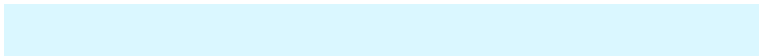
90.8432, 0.2899, 0.3460

Triad

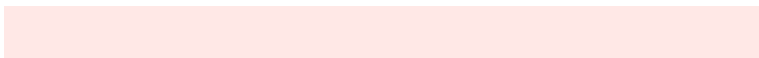
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.8432, 0.3111, 0.3624



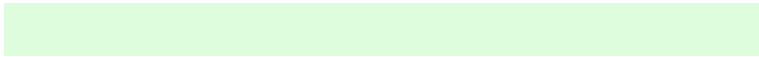
90.8432, 0.2759, 0.2943



90.8432, 0.3518, 0.3310

Complementary

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



90.8432, 0.3111, 0.3624



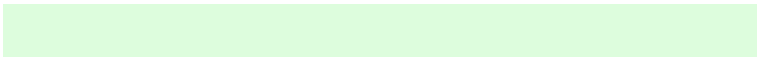
79.6564, 0.3142, 0.2977

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.



90.8432, 0.3353, 0.3126



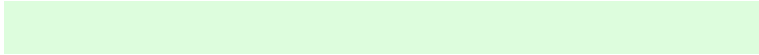
90.8432, 0.3111, 0.3624



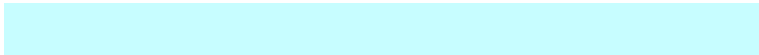
90.8432, 0.2914, 0.2918

Square

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



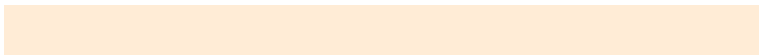
90.8432, 0.3111, 0.3624



90.8432, 0.2701, 0.3061



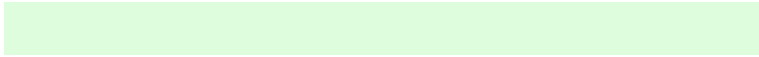
90.8432, 0.3131, 0.2985



90.8432, 0.3573, 0.3496

Rectangle

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



90.8432, 0.3111, 0.3624



90.8432, 0.2791, 0.3321



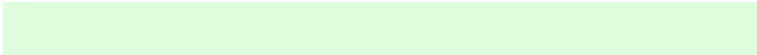
90.8432, 0.3131, 0.2985



90.8432, 0.3473, 0.3246

Sweetspot

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



90.8471, 0.3111, 0.3624



97.4784, 0.3122, 0.3389



96.3660, 0.3317, 0.3605



20.7661, 0.3121, 0.3409



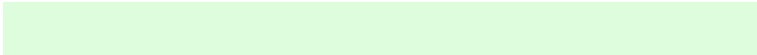
0.0000, 0.0000, 0.0000



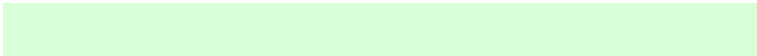
21.4041, 0.3127, 0.3290

Same Dimension

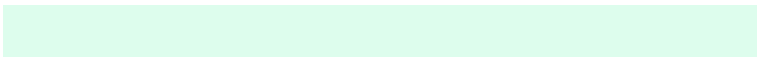
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8471, 0.3111, 0.3624



91.2351, 0.3108, 0.3692



91.7388, 0.3021, 0.3455



20.1689, 0.3115, 0.3535



37.3718, 0.3000, 0.5999



3.6390, 0.2999, 0.5995

Inverse Universe

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



79.6564, 0.3142, 0.2977



77.9709, 0.3145, 0.2919



78.6817, 0.3249, 0.3131



18.2996, 0.3139, 0.3056



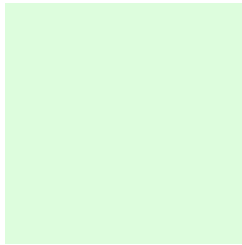
14.8607, 0.3215, 0.1545



1.4472, 0.3215, 0.1545

Previews

White Background



This preview shows how the Yxy color 90.8432, 0.3111, 0.3624 looks on a white background.

Color Contrast Check

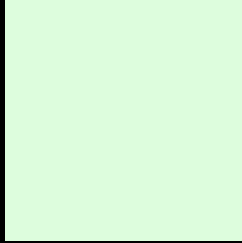
Large Text (above 18pt) WCAG AA × Fail

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 90.8432, 0.3111, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

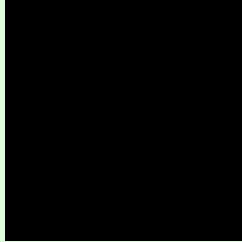
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

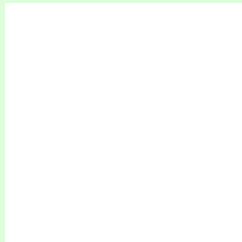
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.8432, 0.3111, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 90.8432, 0.3111, 0.3624.

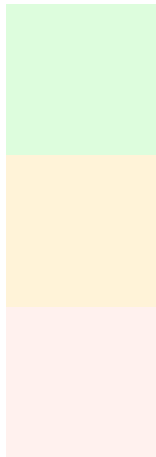


This preview shows how white text looks on a background with the Yxy color 90.8432, 0.3111, 0.3624.

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

90.8432, 0.3111, 0.3624

Protanopia

90.3191, 0.3375, 0.3557

Deuteranopia

90.3436, 0.3238, 0.3320



Tritanopia

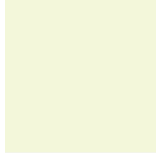
90.5293, 0.3018, 0.3191

Trichromacy



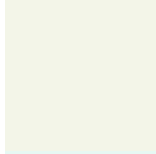
Original Color

90.8432, 0.3111, 0.3624



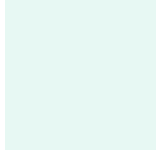
Protanomaly

90.6382, 0.3276, 0.3583



Deuteranomaly

90.1857, 0.3193, 0.3420



Tritanomaly

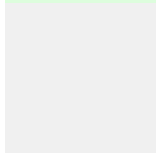
90.5948, 0.3049, 0.3340

Monochromacy



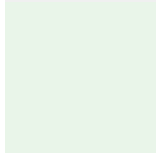
Original Color

90.8432, 0.3111, 0.3624



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5116, 0.3121, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8432, 0.3111, 0.3624 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(221, 253, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 253, 221)  
}
```

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(221, 253, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 253, 221) }
```

Border

The CSS property to change the border of an element to Yxy 90.8432, 0.3111, 0.3624 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(221, 253, 221) }
```

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

```
.border{ border-color:rgb(221, 253, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 253, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 253, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 253, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 253,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8432, 0.3111, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 253, 221) }
```

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

```
.background{ background-color: rgb(221,  
253, 221) }
```

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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