

Converting Colors

$Yxy(90.4236, 0.3115, 0.3751)$

Have a look what the booklet for
Yxy(90.4236, 0.3115, 0.3751)
contains.

Yxy(90.4196, 0.3112, 0.3747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(90.4196, 0.3112, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFD4
RGB	213, 255, 212
RGB Percent	84%, 100%, 83%
CMY	0.1645, 0.0000, 0.1685
CMYK	0.16, 0.00, 0.17, 0.00
HSL	119°, 100%, 92%
HSV	119°, 17%, 100%
XYZ	75.0963, 90.4196, 75.7961
YIQ	237.5400, -11.2290, -22.2770

Conversions

Conversions Part 2

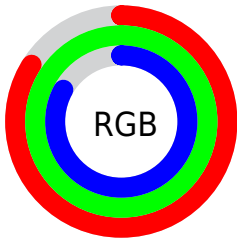
Format	Color
R _Y B	212, 255, 254
Decimal	14024660
CIE Lab	96.17, -21.26, 16.15
CIE LCh	96, 26.694, 142.784
Yxy	90.4196, 0.3112, 0.3747
Android (android.graphics.Color)	4292214740 (0xFFD5FFD4)
YUV	237.5400, -12.5912, -21.5216
Hunter-Lab	95.0892, -25.4366, 19.3021

Details

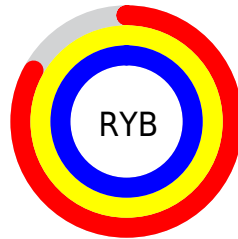
The Yxy color **90.4196, 0.3112, 0.3747** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.3831, 0.3140, 0.2870**, and the grayscale version is **85.2411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0916, 0.3108, 0.3856** is the 20% darker color. If you saturate the color by 10%, you get **85.7943, 0.3101, 0.4064**, and if you desaturate by 10%, it is **95.8272, 0.3122, 0.3464**.

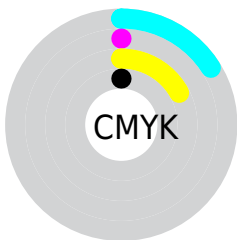
Distribution



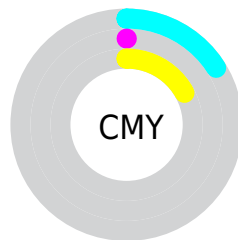
- Red (84%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.4196, 0.3112, 0.3747 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 90.4196, 0.3112, 0.3747 by changing the saturation by 10% instead.

90.4196, 0.3112,
0.3747

90.4196, 0.3112,
0.3747

529.3948, 0.3122,
0.3537

68.3287, 0.3109,
0.3794

147.9211, 0.3116,
0.3675

50.1652, 0.3105,
0.3853

184.1005, 0.3117,
0.3646

35.5447, 0.3100,
0.3927

225.7449, 0.3119,
0.3622

24.0828, 0.3092,
0.4022

273.2386, 0.3119,
0.3601

15.3950, 0.3079,
0.4151

326.9660, 0.3120,
0.3582

9.0971, 0.3058,
0.4335

387.3116, 0.3121,

4.8046, 0.3020,

0.3565

0.4614

454.6598, 0.3122,
0.3551

■ 2.1331, 0.2941,
0.5098

■ 0.6831, 0.1602,
0.8398

■ 90.4196, 0.3112,
0.3747

■ 90.4196, 0.3112,
0.3747

■ 85.7943, 0.3101,
0.4064


■ 95.8272, 0.3122,
0.3464


■ 81.9041, 0.3087,
0.4409

99.9956, 0.3127,
0.3290


■ 78.7148, 0.3072,
0.4769

■ 76.1847, 0.3056,
0.5123

 74.2676, 0.3040,
0.5446

 72.9115, 0.3025,
0.5708

 72.0559, 0.3013,
0.5888

 71.6259, 0.3004,
0.5980

 71.5548, 0.3003,
0.5997

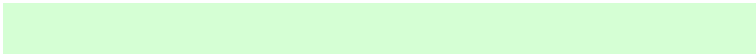
Harmonies

Analogous

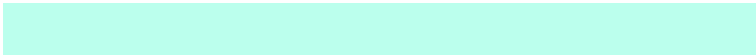
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4196, 0.3407, 0.3825



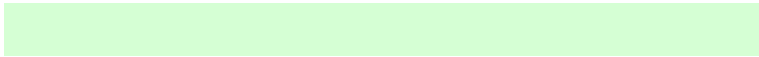
90.4196, 0.3112, 0.3747



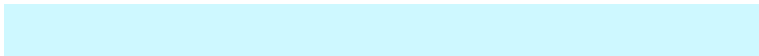
90.4196, 0.2830, 0.3526

Triad

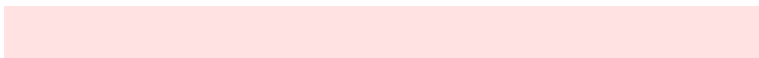
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.4196, 0.3112, 0.3747



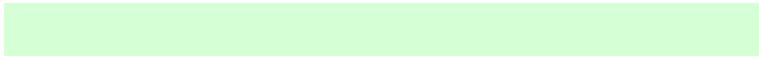
90.4196, 0.2636, 0.2832



90.4196, 0.3645, 0.3304

Complementary

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



90.4196, 0.3112, 0.3747



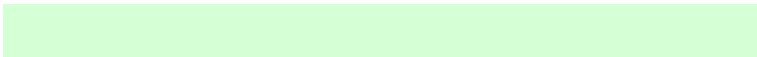
75.3831, 0.3140, 0.2870

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.



90.4196, 0.3419, 0.3066



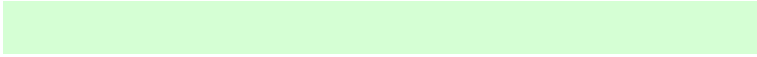
90.4196, 0.3112, 0.3747



90.4196, 0.2835, 0.2799

Square

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



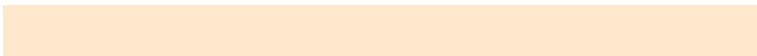
90.4196, 0.3112, 0.3747



90.4196, 0.2565, 0.2988



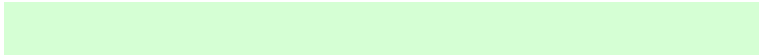
90.4196, 0.3120, 0.2885



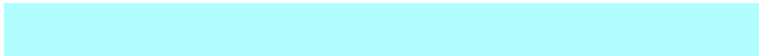
90.4196, 0.3724, 0.3550

Rectangle

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



90.4196, 0.3112, 0.3747



90.4196, 0.2686, 0.3337



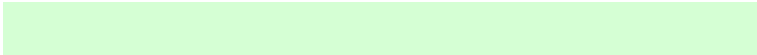
90.4196, 0.3120, 0.2885



90.4196, 0.3583, 0.3221

Sweetspot

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



90.4235, 0.3112, 0.3747



96.9212, 0.3123, 0.3415



96.6185, 0.3384, 0.3697



20.6560, 0.3123, 0.3434



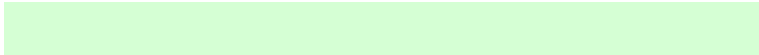
0.0000, 0.0000, 0.0000



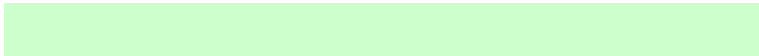
21.4041, 0.3127, 0.3290

Same Dimension

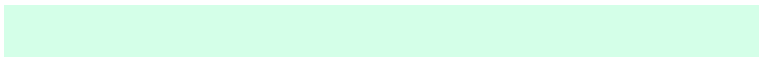
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4235, 0.3112, 0.3747



88.8894, 0.3109, 0.3843



91.3466, 0.2994, 0.3530



20.1888, 0.3119, 0.3536



37.4002, 0.3005, 0.5996



3.6485, 0.3017, 0.5987

Inverse Universe

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



75.3831, 0.3140, 0.2870



71.4359, 0.3142, 0.2790



74.3520, 0.3285, 0.3062



18.2770, 0.3134, 0.3056



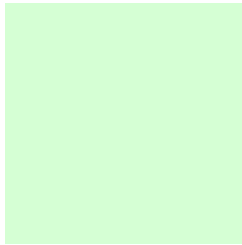
14.2985, 0.3150, 0.1509



1.3989, 0.3157, 0.1513

Previews

White Background



This preview shows how the Yxy color 90.4196, 0.3112, 0.3747 looks on a white background.

Color Contrast Check

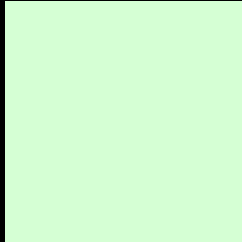
Large Text (above 18pt) WCAG AA × Fail

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 90.4196, 0.3112, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

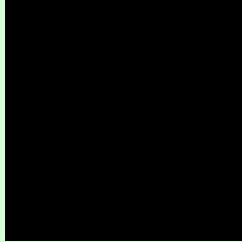
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

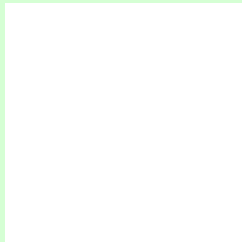
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4196, 0.3112, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 90.4196, 0.3112, 0.3747.

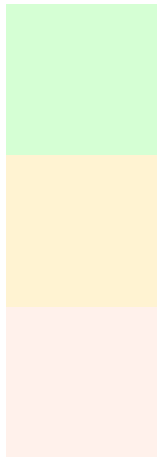


This preview shows how white text looks on a background with the Yxy color 90.4196, 0.3112, 0.3747.

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

90.4196, 0.3112, 0.3747

Protanopia

90.0143, 0.3413, 0.3618

Deuteranopia

90.1688, 0.3257, 0.3349



Tritanopia

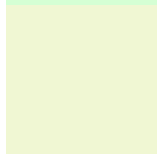
90.0172, 0.2999, 0.3190

Trichromacy



Original Color

90.4196, 0.3112, 0.3747



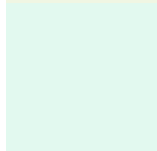
Protanomaly

89.7499, 0.3299, 0.3657



Deuteranomaly

89.9829, 0.3202, 0.3482



Tritanomaly

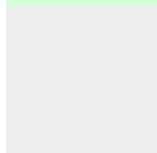
90.1521, 0.3041, 0.3392

Monochromacy



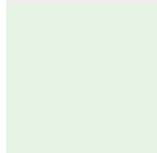
Original Color

90.4196, 0.3112, 0.3747



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.0165, 0.3120, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4196, 0.3112, 0.3747 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 90.4196, 0.3112, 0.3747 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, 212) }
```

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

```
.border{ border-color:rgb(213, 255, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4196, 0.3112, 0.3747 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, 212) }
```

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

```
.background{ background-color: rgb(213,  
255, 212) }
```

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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