

Converting Colors

$Yxy(90.4103, 0.3251, 0.3941)$

Have a look what the booklet for
Yxy(90.4103, 0.3251, 0.3941)
contains.

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Color

Yxy(90.4751, 0.3252, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFC2
RGB	219, 255, 194
RGB Percent	86%, 100%, 76%
CMY	0.1411, 0.0000, 0.2392
CMYK	0.14, 0.00, 0.24, 0.00
HSL	95°, 100%, 88%
HSV	95°, 24%, 100%
XYZ	74.7143, 90.4751, 64.5594
YIQ	237.2820, -1.8750, -26.6030

Conversions

Conversions Part 2

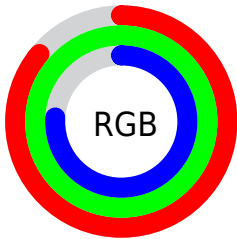
Format	Color
RYB	194, 255, 230
Decimal	14417858
CIELab	96.19, -22.14, 25.42
CIElCh	96, 33.708, 131.062
Yxy	90.4751, 0.3252, 0.3938
Android (android.graphics.Color)	4292607938 (0xFFDBFFC2)
YUV	237.2820, -21.3380, -16.0333
Hunter-Lab	95.1184, -26.2477, 26.3412

Details

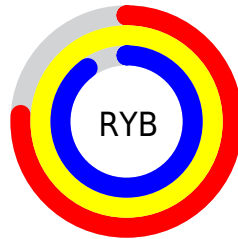
The Yxy color **90.4751, 0.3252, 0.3938** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.6195, 0.2970, 0.2658**, and the grayscale version is **85.0887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **50.0681, 0.3269, 0.4088** is the 20% darker color. If you saturate the color by 10%, you get **87.2001, 0.3298, 0.4243**, and if you desaturate by 10%, it is **94.1629, 0.3201, 0.3651**.

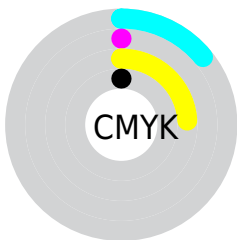
Distribution



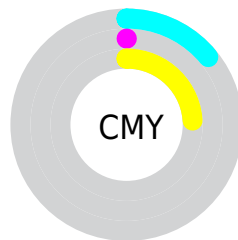
- Red (86%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.4751, 0.3252, 0.3938 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 90.4751, 0.3252, 0.3938 by changing the saturation by 10% instead.

 90.4751, 0.3252,
0.3938

 90.4751, 0.3252,
0.3938

529.5751, 0.3202,
0.3640

 68.3748, 0.3261,
0.4006


 147.9982, 0.3236,
0.3835

 50.2027, 0.3272,
0.4089


184.1897, 0.3230,
0.3795

 35.5745, 0.3284,
0.4193


225.8470, 0.3224,
0.3760

 24.1057, 0.3297,
0.4328

273.3546, 0.3219,
0.3730

 15.4121, 0.3309,
0.4510

327.0968, 0.3214,
0.3703

 9.1091, 0.3319,
0.4765

387.4580, 0.3210,

 4.8124, 0.3313,

0.3680

0.5145

454.8227, 0.3206,
0.3659

■ 2.1376, 0.3428,
0.6075

■ 0.6857, 0.1395,
0.8605

■ 90.4751, 0.3252,
0.3938

■ 90.4751, 0.3252,
0.3938

■ 87.2001, 0.3298,
0.4243

■ 94.1629, 0.3201,
0.3651

■ 84.3141, 0.3334,
0.4557


■ 98.2700, 0.3148,
0.3387


■ 81.8032, 0.3358,
0.4868


■ 100.0000, 0.3127,
0.3290

■ 79.6493, 0.3366,
0.5160

 77.8324, 0.3354,
0.5414

 76.3301, 0.3323,
0.5614

 75.1161, 0.3274,
0.5752

 74.4993, 0.3239,
0.5810

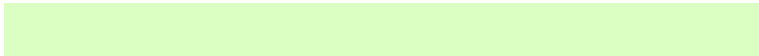
Harmonies

Analogous

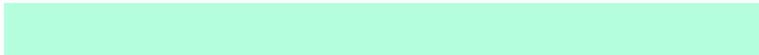
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4751, 0.3604, 0.3948



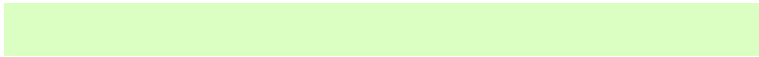
90.4751, 0.3252, 0.3938



90.4751, 0.2881, 0.3719

Triad

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



90.4751, 0.3252, 0.3938



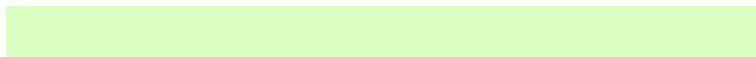
90.4751, 0.2459, 0.2771



90.4751, 0.3689, 0.3182

Complementary

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



90.4751, 0.3252, 0.3938



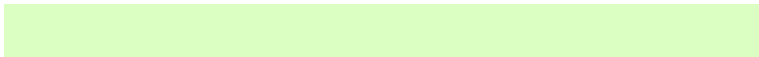
62.6195, 0.2970, 0.2658

Split Complementary

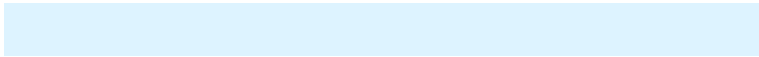
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.4751, 0.3351, 0.2911



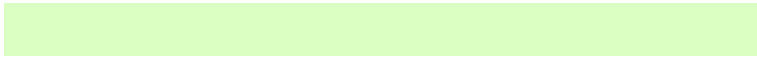
90.4751, 0.3252, 0.3938



90.4751, 0.2646, 0.2676

Square

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



90.4751, 0.3252, 0.3938



90.4751, 0.2438, 0.3016



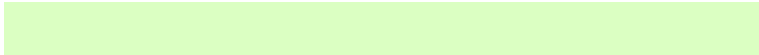
90.4751, 0.2967, 0.2729



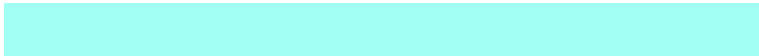
90.4751, 0.3869, 0.3491

Rectangle

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



90.4751, 0.3252, 0.3938



90.4751, 0.2671, 0.3491



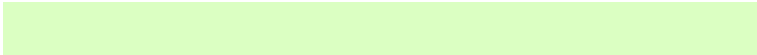
90.4751, 0.2967, 0.2729



90.4751, 0.3589, 0.3085

Sweetspot

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



90.4778, 0.3252, 0.3938



96.9609, 0.3165, 0.3466



81.5153, 0.3545, 0.3651



20.6997, 0.3168, 0.3481



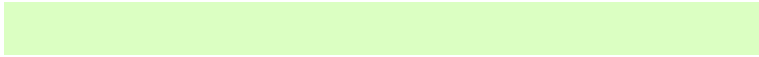
0.0000, 0.0000, 0.0000



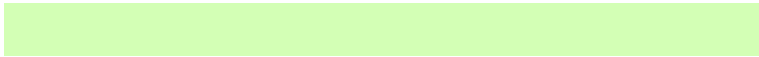
21.4041, 0.3127, 0.3290

Same Dimension

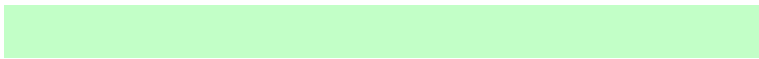
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4778, 0.3252, 0.3938



88.7641, 0.3276, 0.4091



87.1156, 0.3068, 0.3911



20.5319, 0.3178, 0.3531



39.0097, 0.3251, 0.5801



3.8603, 0.3339, 0.5731

Inverse Universe

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



62.6195, 0.2970, 0.2658



56.2418, 0.2928, 0.2513



66.7376, 0.3192, 0.2739



17.9072, 0.3072, 0.3051



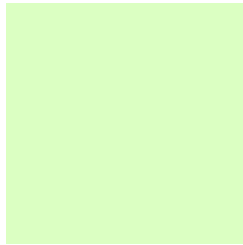
7.2699, 0.2207, 0.0990



0.7718, 0.2318, 0.1050

Previews

White Background



This preview shows how the Yxy color 90.4751, 0.3252, 0.3938 looks on a white background.

Color Contrast Check

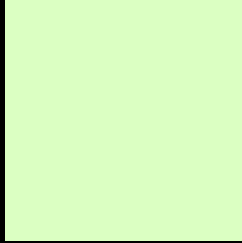
Large Text (above 18pt) WCAG AA × Fail

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 90.4751, 0.3252, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

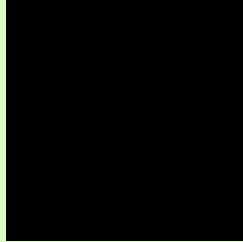
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

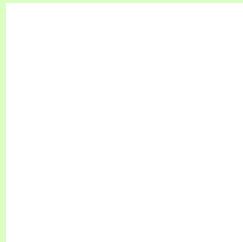
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4751, 0.3252, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 90.4751, 0.3252, 0.3938.

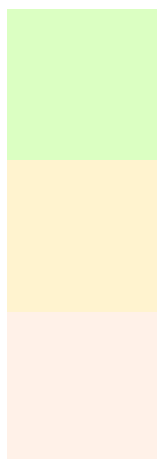


This preview shows how white text looks on a background with the Yxy color 90.4751, 0.3252, 0.3938.

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

90.4751, 0.3252, 0.3938

Protanopia

89.8662, 0.3432, 0.3648

Deuteranopia

89.9968, 0.3276, 0.3379



Tritanopia

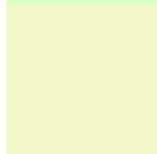
90.5293, 0.3018, 0.3191

Trichromacy



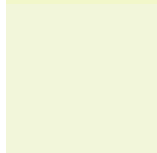
Original Color

90.4751, 0.3252, 0.3938



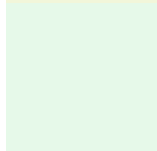
Protanomaly

89.6630, 0.3368, 0.3749



Deuteranomaly

89.8507, 0.3271, 0.3574



Tritanomaly

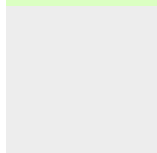
90.4575, 0.3101, 0.3453

Monochromacy



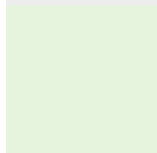
Original Color

90.4751, 0.3252, 0.3938



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.7448, 0.3175, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4751, 0.3252, 0.3938 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, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 194)  
}
```

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, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 194) }
```

Border

The CSS property to change the border of an element to Yxy 90.4751, 0.3252, 0.3938 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, 255, 194) }
```

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

```
.border{ border-color:rgb(219, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(219, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4751, 0.3252, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 194) }
```

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

```
.background{ background-color: rgb(219,  
255, 194) }
```

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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