

Converting Colors

$Yxy(92.4671, 0.3218, 0.3768)$

Have a look what the booklet for
Yxy(92.4671, 0.3218, 0.3768)
contains.

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Color

Yxy(92.4543, 0.3217, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFD1
RGB	227, 255, 209
RGB Percent	89%, 100%, 82%
CMY	0.1097, 0.0000, 0.1803
CMYK	0.11, 0.00, 0.18, 0.00
HSL	97°, 100%, 91%
HSV	97°, 18%, 100%
XYZ	78.9555, 92.4543, 74.0223
YIQ	241.3840, -1.9220, -20.2420

Conversions

Conversions Part 2

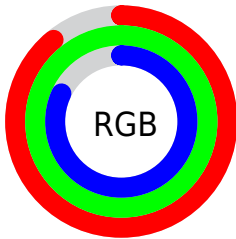
Format	Color
R_{YB}	209, 255, 237
Decimal	14942161
CIE _{Lab}	97.01, -17.07, 18.98
CIE _{LCh}	97, 25.527, 131.972
Y _{xy}	92.4543, 0.3217, 0.3767
Android (android.graphics.Color)	4293132241 (0xFFE3FFD1)
YUV	241.3840, -15.9653, -12.6148
Hunter-Lab	96.1532, -21.6939, 21.6635

Details

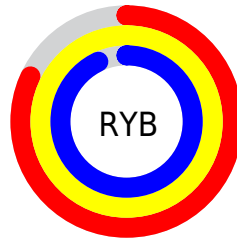
The Yxy color **92.4543, 0.3217, 0.3767** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.8388, 0.3020, 0.2823**, and the grayscale version is **88.4177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3792, 0.3233, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **88.8836, 0.3263, 0.4063**, and if you desaturate by 10%, it is **96.4625, 0.3168, 0.3492**.

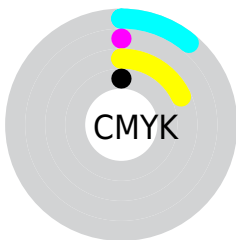
Distribution



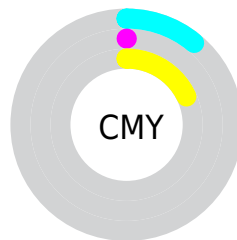
- Red (89%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4543, 0.3217, 0.3767 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 92.4543, 0.3217, 0.3767 by changing the saturation by 10% instead.


 92.4543, 0.3217,
0.3767

 92.4543, 0.3217,
0.3767


535.9827, 0.3180,
0.3550

 70.0180, 0.3224,
0.3816


150.7429, 0.3205,
0.3692

 51.5412, 0.3233,
0.3875


187.3640, 0.3200,
0.3663

 36.6395, 0.3243,
0.3950


229.4821, 0.3196,
0.3638

 24.9285, 0.3254,
0.4047

277.4818, 0.3192,
0.3616

 16.0238, 0.3267,
0.4177

331.7472, 0.3189,
0.3596

 9.5410, 0.3281,
0.4358

392.6629, 0.3186,

 5.0957, 0.3293,

0.3579

0.4630

460.6133, 0.3183,
0.3564

■ 2.3035, 0.3302,
0.5098

■ 0.7756, 0.2923,
0.7077

■ 92.4543, 0.3217,
0.3767

■ 92.4543, 0.3217,
0.3767

■ 88.8836, 0.3263,
0.4063

■ 96.4625, 0.3168,
0.3492

■ 85.7229, 0.3302,
0.4375

99.9983, 0.3127,
0.3290

■ 82.9596, 0.3331,
0.4693

■ 80.5758, 0.3347,
0.5001

■ 78.5520, 0.3345,
0.5282

■ 76.8667, 0.3323,
0.5518

■ 75.4954, 0.3284,
0.5695

■ 74.4069, 0.3229,
0.5808

■ 74.2184, 0.3218,
0.5827

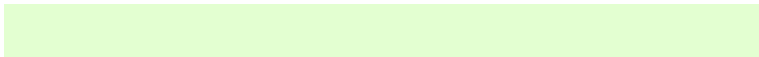
Harmonies

Analogous

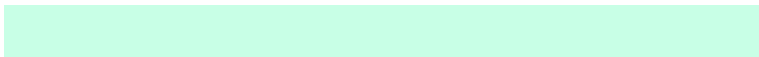
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4543, 0.3482, 0.3786



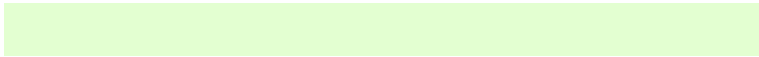
92.4543, 0.3217, 0.3767



92.4543, 0.2936, 0.3601

Triad

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



92.4543, 0.3217, 0.3767



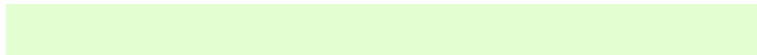
92.4543, 0.2620, 0.2896



92.4543, 0.3554, 0.3219

Complementary

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



92.4543, 0.3217, 0.3767



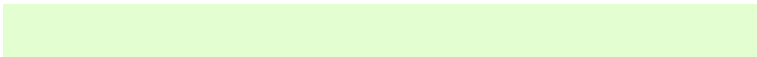
70.8388, 0.3020, 0.2823

Split Complementary

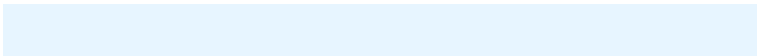
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4543, 0.3306, 0.3006



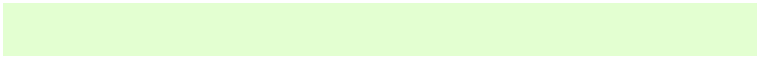
92.4543, 0.3217, 0.3767



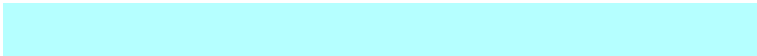
92.4543, 0.2769, 0.2821

Square

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



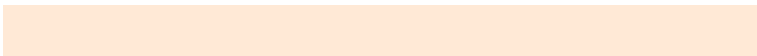
92.4543, 0.3217, 0.3767



92.4543, 0.2600, 0.3082



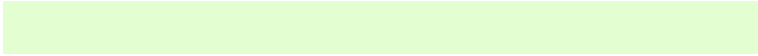
92.4543, 0.3017, 0.2863



92.4543, 0.3685, 0.3457

Rectangle

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



92.4543, 0.3217, 0.3767



92.4543, 0.2777, 0.3434



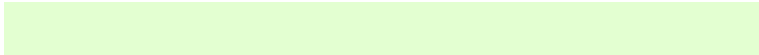
92.4543, 0.3017, 0.2863



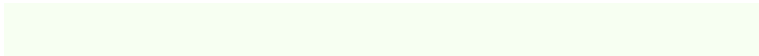
92.4543, 0.3481, 0.3143

Sweetspot

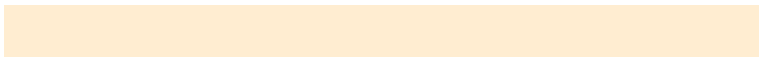
The Sweet Spot groups the original color and five complimentary colors.



92.4583, 0.3217, 0.3767



97.7640, 0.3152, 0.3414



86.2069, 0.3430, 0.3566



20.8602, 0.3156, 0.3432



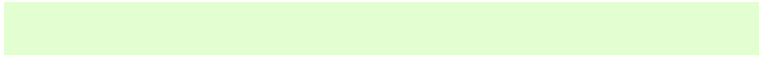
0.0000, 0.0000, 0.0000



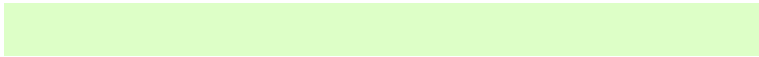
21.4041, 0.3127, 0.3290

Same Dimension

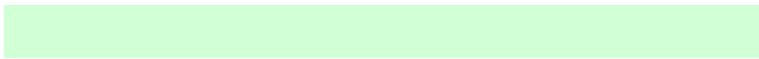
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4583, 0.3217, 0.3767



90.9898, 0.3236, 0.3882



89.9136, 0.3078, 0.3733



20.5149, 0.3175, 0.3532



38.8617, 0.3230, 0.5817



3.8448, 0.3318, 0.5748

Inverse Universe

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



70.8388, 0.3020, 0.2823



65.3505, 0.2992, 0.2713



73.8014, 0.3180, 0.2884



17.9247, 0.3075, 0.3051



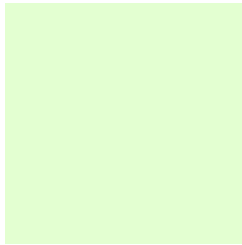
7.5111, 0.2248, 0.1012



0.7946, 0.2356, 0.1071

Previews

White Background



This preview shows how the Yxy color 92.4543, 0.3217, 0.3767 looks on a white background.

Color Contrast Check

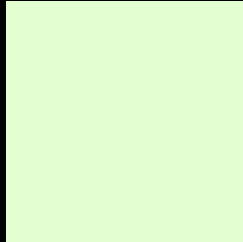
Large Text (above 18pt) WCAG AA × Fail

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 92.4543, 0.3217, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

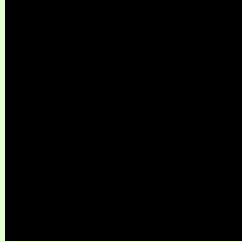
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

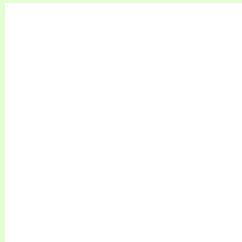
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4543, 0.3217, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 92.4543, 0.3217, 0.3767.

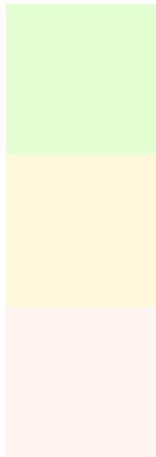


This preview shows how white text looks on a background with the Yxy color 92.4543, 0.3217, 0.3767.

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

92.4543, 0.3217, 0.3767

Protanopia

92.3388, 0.3345, 0.3546

Deuteranopia

92.1934, 0.3229, 0.3339

Tritanopia

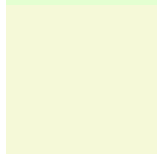
92.0088, 0.3049, 0.3202

Trichromacy



Original Color

92.4543, 0.3217, 0.3767



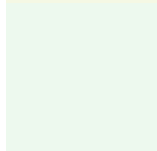
Protanomaly

92.1217, 0.3299, 0.3622



Deuteranomaly

92.1487, 0.3227, 0.3490



Tritanomaly

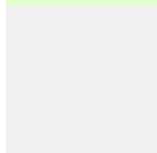
91.9289, 0.3116, 0.3400

Monochromacy



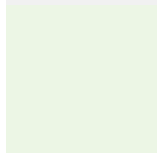
Original Color

92.4543, 0.3217, 0.3767



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4015, 0.3164, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4543, 0.3217, 0.3767 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(227, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 209)  
}
```

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(227, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 209) }
```

Border

The CSS property to change the border of an element to Yxy 92.4543, 0.3217, 0.3767 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(227, 255, 209) }
```

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

```
.border{ border-color:rgb(227, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4543, 0.3217, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 209) }
```

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

```
.background{ background-color: rgb(227,  
255, 209) }
```

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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