

Converting Colors

$Yxy(92.1048, 0.3320, 0.3927)$

Have a look what the booklet for
Yxy(92.1048, 0.3320, 0.3927)
contains.

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Color

Yxy(92.0731, 0.3317, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFC2
RGB	229, 255, 194
RGB Percent	90%, 100%, 76%
CMY	0.1019, 0.0000, 0.2393
CMYK	0.10, 0.00, 0.24, 0.00
HSL	86°, 100%, 88%
HSV	86°, 24%, 100%
XYZ	77.8106, 92.0731, 64.6975
YIQ	240.2720, 4.0850, -24.4830

Conversions

Conversions Part 2

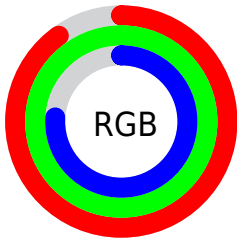
Format	Color
RYB	194, 255, 220
Decimal	15073218
CIELab	96.85, -18.68, 26.43
CIELCh	97, 32.366, 125.259
Yxy	92.0731, 0.3317, 0.3925
Android (android.graphics.Color)	4293263298 (0xFFE5FFC2)
YUV	240.2720, -22.8121, -9.8855
Hunter-Lab	95.9547, -23.1735, 27.1920

Details

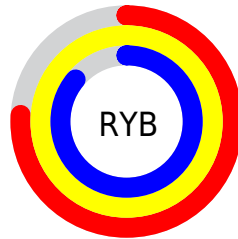
The Yxy color **92.0731, 0.3317, 0.3925** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.0068, 0.2897, 0.2644**, and the grayscale version is **87.5410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **51.1659, 0.3352, 0.4067** is the 20% darker color. If you saturate the color by 10%, you get **89.2931, 0.3391, 0.4215**, and if you desaturate by 10%, it is **95.1624, 0.3238, 0.3647**.

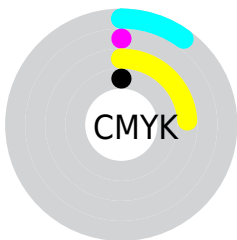
Distribution



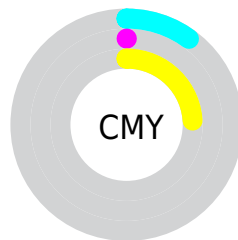
- Red (90%)
- Green (100%)
- Blue (76%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0731, 0.3317, 0.3925 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 92.0731, 0.3317, 0.3925 by changing the saturation by 10% instead.


 92.0731, 0.3317,
0.3925

 92.0731, 0.3317,
0.3925


534.7517, 0.3238,
0.3635

 69.7013, 0.3333,
0.3990


150.2147, 0.3291,
0.3825

 51.2831, 0.3351,
0.4070


186.7533, 0.3281,
0.3786

 36.4340, 0.3373,
0.4170


228.7831, 0.3272,
0.3753

 24.7695, 0.3398,
0.4298

276.6883, 0.3264,
0.3723

 15.9054, 0.3428,
0.4469

330.8533, 0.3256,
0.3697

 9.4573, 0.3460,
0.4706

391.6627, 0.3250,

 5.0406, 0.3488,

0.3674

0.5054

459.5007, 0.3244,
0.3654

■ 2.2711, 0.3652,
0.5874

■ 0.7584, 0.2587,
0.7413

■ 92.0731, 0.3317,
0.3925

■ 92.0731, 0.3317,
0.3925

■ 89.2931, 0.3391,
0.4215

■ 95.1624, 0.3238,
0.3647


■ 86.8089, 0.3455,
0.4508


■ 98.5710, 0.3158,
0.3387


■ 84.6081, 0.3505,
0.4793

100.0000, 0.3127,
0.3290

■ 82.6764, 0.3536,
0.5055

 80.9980, 0.3545,
0.5281

 79.5549, 0.3529,
0.5459

 78.3255, 0.3491,
0.5582

 77.6657, 0.3460,
0.5635

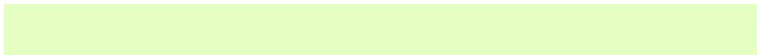
Harmonies

Analogous

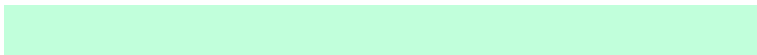
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0731, 0.3637, 0.3898



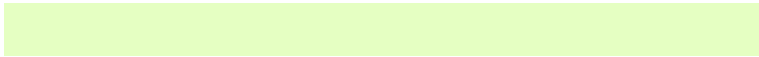
92.0731, 0.3317, 0.3925



92.0731, 0.2958, 0.3752

Triad

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



92.0731, 0.3317, 0.3925



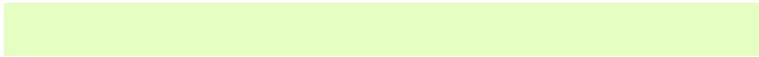
92.0731, 0.2471, 0.2830



92.0731, 0.3610, 0.3133

Complementary

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



92.0731, 0.3317, 0.3925



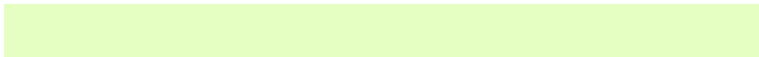
61.0068, 0.2897, 0.2644

Split Complementary

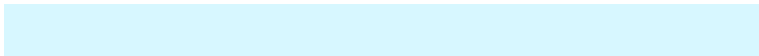
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0731, 0.3270, 0.2885



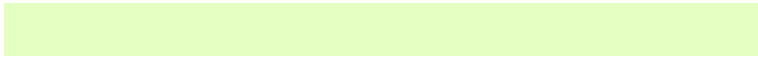
92.0731, 0.3317, 0.3925



92.0731, 0.2621, 0.2708

Square

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



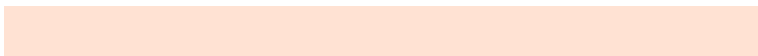
92.0731, 0.3317, 0.3925



92.0731, 0.2483, 0.3089



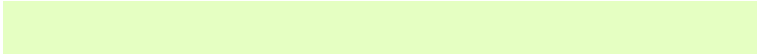
92.0731, 0.2908, 0.2732



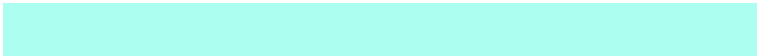
92.0731, 0.3817, 0.3427

Rectangle

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



92.0731, 0.3317, 0.3925



92.0731, 0.2745, 0.3548



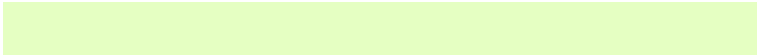
92.0731, 0.2908, 0.2732



92.0731, 0.3506, 0.3043

Sweetspot

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



92.0735, 0.3317, 0.3925



97.4895, 0.3183, 0.3465



76.0293, 0.3569, 0.3551



20.8220, 0.3188, 0.3480



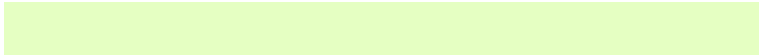
0.0000, 0.0000, 0.0000



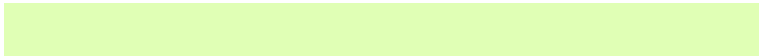
21.4041, 0.3127, 0.3290

Same Dimension

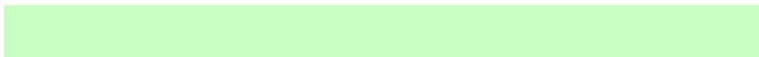
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0735, 0.3317, 0.3925



90.6257, 0.3355, 0.4071



87.5654, 0.3126, 0.3964



20.6829, 0.3203, 0.3529



40.6719, 0.3471, 0.5626



4.0245, 0.3550, 0.5563

Inverse Universe

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



61.0068, 0.2897, 0.2644



54.3671, 0.2838, 0.2493



66.1036, 0.3117, 0.2685



17.7559, 0.3046, 0.3049



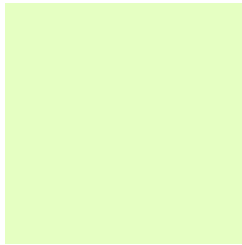
5.5426, 0.1885, 0.0812



0.6025, 0.2011, 0.0882

Previews

White Background



This preview shows how the Yxy color 92.0731, 0.3317, 0.3925 looks on a white background.

Color Contrast Check

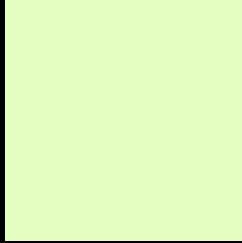
Large Text (above 18pt) WCAG AA × Fail

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 92.0731, 0.3317, 0.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

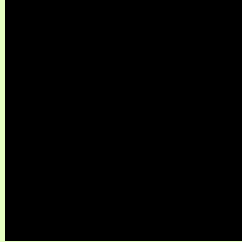
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

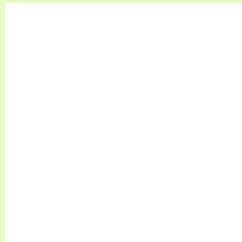
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0731, 0.3317, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 92.0731, 0.3317, 0.3925.

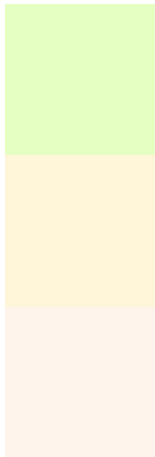


This preview shows how white text looks on a background with the Yxy color 92.0731, 0.3317, 0.3925.

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

92.0731, 0.3317, 0.3925

Protanopia

91.5227, 0.3372, 0.3577

Deuteranopia

92.0175, 0.3248, 0.3368

Tritanopia

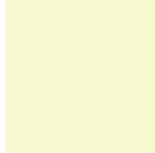
92.1862, 0.3055, 0.3202

Trichromacy



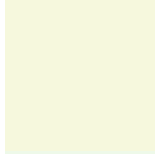
Original Color

92.0731, 0.3317, 0.3925



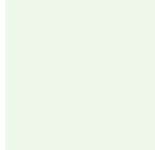
Protanomaly

91.8983, 0.3355, 0.3703



Deuteranomaly

91.9481, 0.3277, 0.3560



Tritanomaly

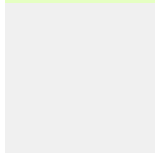
91.8117, 0.3151, 0.3451

Monochromacy



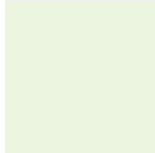
Original Color

92.0731, 0.3317, 0.3925



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4654, 0.3201, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0731, 0.3317, 0.3925 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(229, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 194) }
```

Border

The CSS property to change the border of an element to Yxy 92.0731, 0.3317, 0.3925 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(229, 255, 194) }
```

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

```
.border{ border-color:rgb(229, 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(229, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0731, 0.3317, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 194) }
```

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

```
.background{ background-color: rgb(229,  
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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