

Converting Colors

$Yxy(92.3409, 0.3251, 0.3820)$

Have a look what the booklet for
Yxy(92.3409, 0.3251, 0.3820)
contains.

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Color

Yxy(92.3736, 0.3252, 0.3820)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E4FFCC |
| RGB | 228, 255, 204 |
| RGB Percent | 89%, 100%, 80% |
| CMY | 0.1061, 0.0000, 0.2000 |
| CMYK | 0.11, 0.00, 0.20, 0.00 |
| HSL | 92°, 100%, 90% |
| HSV | 92°, 20%, 100% |
| XYZ | 78.6385, 92.3736, 70.8036 |
| YIQ | 241.1130, 0.2790, -21.5850 |

Conversions

Conversions Part 2

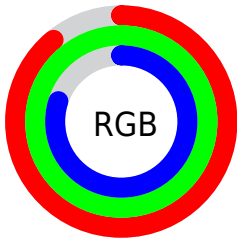
| Format | Color |
|-------------------------------------|--|
| RYB | 204, 255, 231 |
| Decimal | 15007692 |
| CIELab | 96.97, -17.56, 21.51 |
| CIElCh | 97, 27.766, 129.229 |
| Yxy | 92.3736, 0.3252, 0.3820 |
| Android (android.graphics.Color) | 4293197772 (0xFFE4FFCC) |
| YUV | 241.1130, -18.2967, -11.5001 |
| Hunter-Lab | 96.1112, -22.1453, 23.5998 |

Details

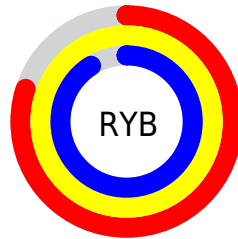
The Yxy color **92.3736, 0.3252, 0.3820** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.3975, 0.2978, 0.2764**, and the grayscale version is **88.1867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3608, 0.3271, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **89.1125, 0.3310, 0.4114**, and if you desaturate by 10%, it is **95.9876, 0.3190, 0.3544**.

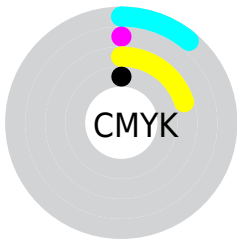
Distribution



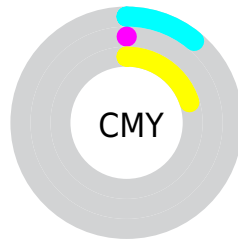
- Red (89%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3736, 0.3252, 0.3820 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 92.3736, 0.3252, 0.3820 by changing the saturation by 10% instead.


 92.3736, 0.3252,
0.3820

 92.3736, 0.3252,
0.3820


535.7222, 0.3200,
0.3578

 69.9510, 0.3262,
0.3874


150.6311, 0.3235,
0.3737

 51.4866, 0.3274,
0.3941

187.2347, 0.3228,
0.3704

 36.5960, 0.3289,
0.4024


229.3342, 0.3222,
0.3676

 24.8948, 0.3305,
0.4131

277.3138, 0.3217,
0.3652

 15.9987, 0.3325,
0.4275

331.5581, 0.3212,
0.3630

 9.5232, 0.3346,
0.4476

392.4513, 0.3208,

 5.0840, 0.3366,

0.3611

0.4775

460.3779, 0.3204,
0.3594

■ 2.2966, 0.3411,
0.5331

■ 0.7719, 0.2832,
0.7168

■ 92.3736, 0.3252,
0.3820

■ 92.3736, 0.3252,
0.3820

■ 89.1125, 0.3310,
0.4114

■ 95.9876, 0.3190,
0.3544


■ 86.2214, 0.3361,
0.4419


99.9982, 0.3127,
0.3290

■ 83.6753, 0.3399,
0.4725


100.0000, 0.3127,
0.3290

■ 81.4586, 0.3422,
0.5016

 79.5538, 0.3425,
0.5277

 77.9416, 0.3407,
0.5492

 76.5994, 0.3367,
0.5650

 75.4939, 0.3312,
0.5752

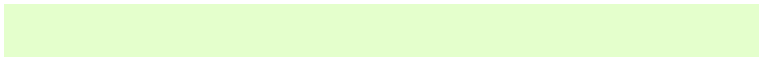
Harmonies

Analogous

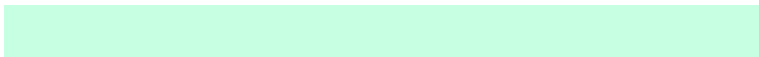
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3736, 0.3535, 0.3823



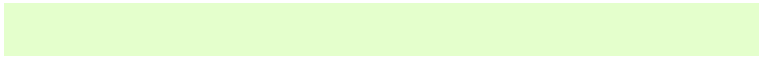
92.3736, 0.3252, 0.3820



92.3736, 0.2945, 0.3652

Triad

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



92.3736, 0.3252, 0.3820



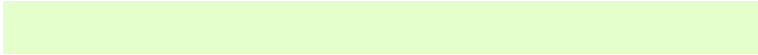
92.3736, 0.2570, 0.2875



92.3736, 0.3572, 0.3189

Complementary

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



92.3736, 0.3252, 0.3820



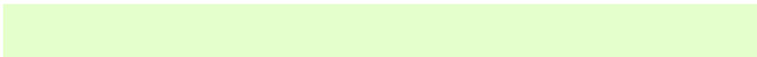
67.3975, 0.2978, 0.2764

Split Complementary

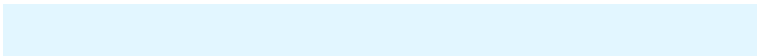
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3736, 0.3293, 0.2965



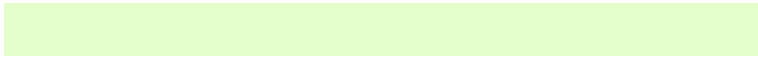
92.3736, 0.3252, 0.3820



92.3736, 0.2719, 0.2783

Square

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



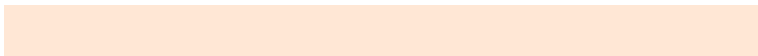
92.3736, 0.3252, 0.3820



92.3736, 0.2561, 0.3086



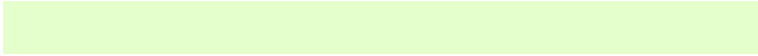
92.3736, 0.2979, 0.2819



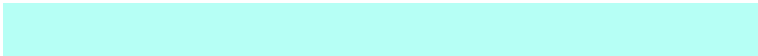
92.3736, 0.3728, 0.3446

Rectangle

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



92.3736, 0.3252, 0.3820



92.3736, 0.2768, 0.3473



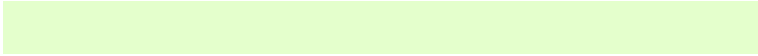
92.3736, 0.2979, 0.2819



92.3736, 0.3489, 0.3108

Sweetspot

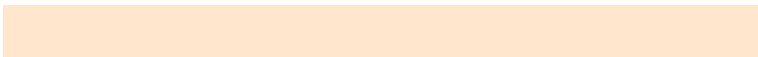
The Sweet Spot groups the original color and five complimentary colors.



92.3633, 0.3252, 0.3820



97.5465, 0.3165, 0.3439



82.4048, 0.3475, 0.3556



20.8236, 0.3169, 0.3456



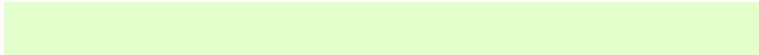
0.0000, 0.0000, 0.0000



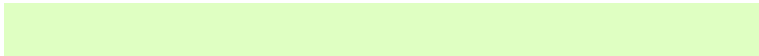
21.4041, 0.3127, 0.3290

Same Dimension

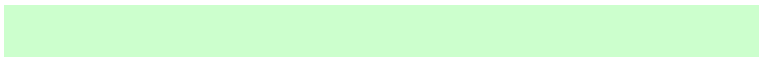
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3633, 0.3252, 0.3820



91.0204, 0.3276, 0.3935



88.7558, 0.3096, 0.3835



20.5862, 0.3187, 0.3531



39.5343, 0.3324, 0.5743



3.9137, 0.3411, 0.5674

Inverse Universe

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



67.3975, 0.2978, 0.2764



61.9261, 0.2943, 0.2651



71.6058, 0.3156, 0.2799



17.8520, 0.3062, 0.3050



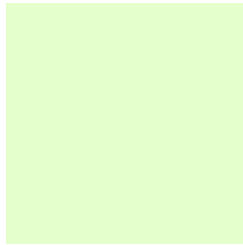
6.5654, 0.2082, 0.0920



0.7043, 0.2201, 0.0986

Previews

White Background



This preview shows how the Yxy color 92.3736, 0.3252, 0.3820 looks on a white background.

Color Contrast Check

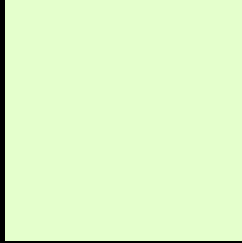
Large Text (above 18pt) WCAG AA × Fail

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 92.3736, 0.3252, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

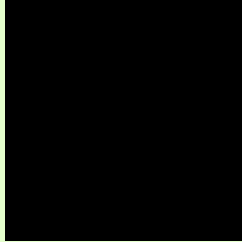
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

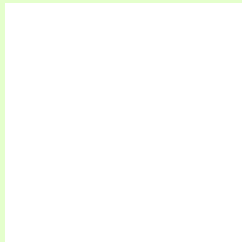
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3736, 0.3252, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 92.3736, 0.3252, 0.3820.

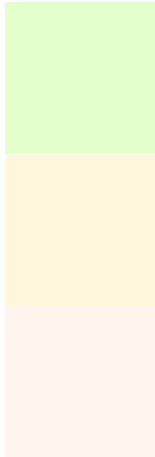


This preview shows how white text looks on a background with the Yxy color 92.3736, 0.3252, 0.3820.

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

92.3736, 0.3252, 0.3820

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

92.1344, 0.3236, 0.3349

Tritanopia

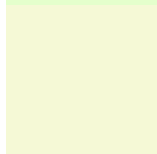
92.0088, 0.3049, 0.3202

Trichromacy



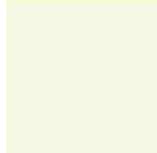
Original Color

92.3736, 0.3252, 0.3820



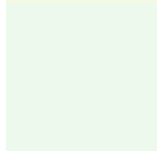
Protanomaly

92.0189, 0.3312, 0.3642



Deuteranomaly

92.0383, 0.3240, 0.3510



Tritanomaly

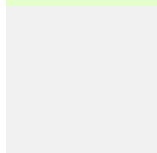
91.8120, 0.3127, 0.3421

Monochromacy



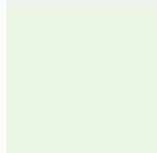
Original Color

92.3736, 0.3252, 0.3820



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3458, 0.3170, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3736, 0.3252, 0.3820 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(228, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 204)  
}
```

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(228, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 204) }
```

Border

The CSS property to change the border of an element to Yxy 92.3736, 0.3252, 0.3820 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(228, 255, 204) }
```

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

```
.border{ border-color:rgb(228, 255, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3736, 0.3252, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 204) }
```

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

```
.background{ background-color: rgb(228,  
255, 204) }
```

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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