

Converting Colors

$Y_{xy}(92.7097, 0.3266, 0.3817)$

Have a look what the booklet for
Yxy(92.7097, 0.3266, 0.3817)
contains.

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Color

Yxy(92.7026, 0.3265, 0.3818)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFCC
RGB	230, 255, 204
RGB Percent	90%, 100%, 80%
CMY	0.0983, 0.0000, 0.2001
CMYK	0.10, 0.00, 0.20, 0.00
HSL	89°, 100%, 90%
HSV	89°, 20%, 100%
XYZ	79.2755, 92.7026, 70.8260
YIQ	241.7110, 1.4710, -21.1610

Conversions

Conversions Part 2

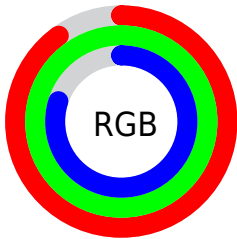
Format	Color
R_{YB}	204, 255, 229
Decimal	15138764
CIE _{Lab}	97.11, -16.87, 21.72
CIE _{LCh}	97, 27.505, 127.840
Yxy	92.7026, 0.3265, 0.3818
Android (android.graphics.Color)	4293328844 (0xFFE6FFCC)
YUV	241.7110, -18.5915, -10.2705
Hunter-Lab	96.2822, -21.5229, 23.7833

Details

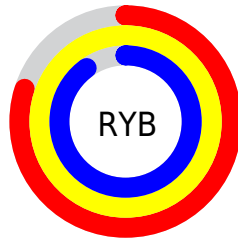
The Yxy color **92.7026, 0.3265, 0.3818** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.0586, 0.2964, 0.2762**, and the grayscale version is **88.6840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5888, 0.3287, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **89.5693, 0.3330, 0.4109**, and if you desaturate by 10%, it is **96.1634, 0.3197, 0.3544**.

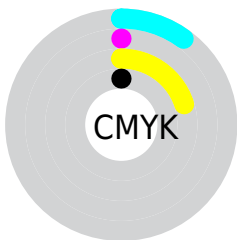
Distribution



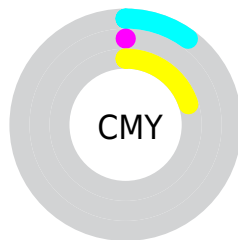
- Red (90%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.7026, 0.3265, 0.3818 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 92.7026, 0.3265, 0.3818 by changing the saturation by 10% instead.


 92.7026, 0.3265,
0.3818

 92.7026, 0.3265,
0.3818

536.7836, 0.3208,
0.3578

 70.2243, 0.3277,
0.3872


151.0868, 0.3246,
0.3735

 51.7094, 0.3290,
0.3938


187.7615, 0.3239,
0.3703

 36.7735, 0.3306,
0.4020


229.9372, 0.3232,
0.3675

 25.0322, 0.3325,
0.4127

277.9982, 0.3226,
0.3651

 16.1010, 0.3348,
0.4269

332.3290, 0.3221,
0.3629

 9.5957, 0.3374,
0.4467

393.3139, 0.3216,

 5.1317, 0.3401,

0.3610

0.4761

461.3373, 0.3212,
0.3593

■ 2.3248, 0.3456,
0.5304

■ 0.7868, 0.2992,
0.7008

■ 92.7026, 0.3265,
0.3818

■ 92.7026, 0.3265,
0.3818

■ 89.5693, 0.3330,
0.4109

■ 96.1634, 0.3197,
0.3544

■ 86.7832, 0.3387,
0.4410

99.9964, 0.3127,
0.3290

■ 84.3196, 0.3432,
0.4709

100.0000, 0.3127,
0.3290

■ 82.1637, 0.3461,
0.4994

■ 80.2991, 0.3469,
0.5248

■ 78.7075, 0.3455,
0.5457

■ 77.3674, 0.3419,
0.5610

■ 76.2471, 0.3365,
0.5710

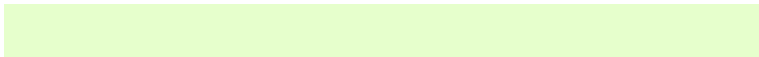
Harmonies

Analogous

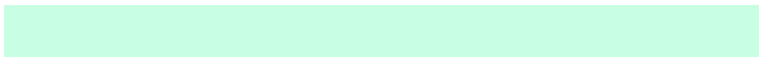
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7026, 0.3542, 0.3814



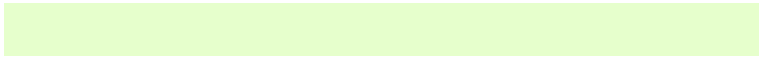
92.7026, 0.3265, 0.3818



92.7026, 0.2960, 0.3659

Triad

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



92.7026, 0.3265, 0.3818



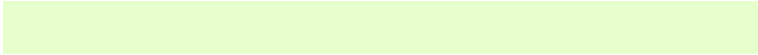
92.7026, 0.2572, 0.2886



92.7026, 0.3556, 0.3179

Complementary

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



92.7026, 0.3265, 0.3818



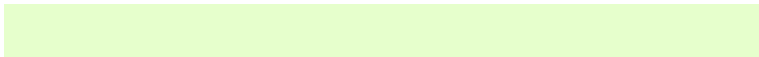
67.0586, 0.2964, 0.2762

Split Complementary

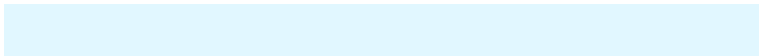
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7026, 0.3277, 0.2959



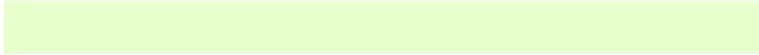
92.7026, 0.3265, 0.3818



92.7026, 0.2713, 0.2790

Square

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



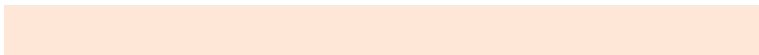
92.7026, 0.3265, 0.3818



92.7026, 0.2570, 0.3100



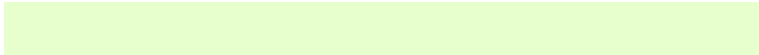
92.7026, 0.2967, 0.2819



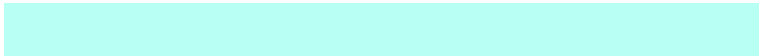
92.7026, 0.3718, 0.3433

Rectangle

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



92.7026, 0.3265, 0.3818



92.7026, 0.2782, 0.3484



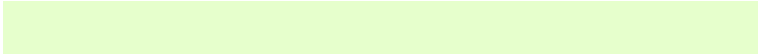
92.7026, 0.2967, 0.2819



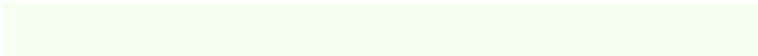
92.7026, 0.3472, 0.3099

Sweetspot

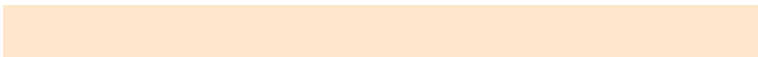
The Sweet Spot groups the original color and five complimentary colors.



92.6918, 0.3265, 0.3818



97.6560, 0.3169, 0.3439



81.4570, 0.3479, 0.3540



20.8495, 0.3173, 0.3456



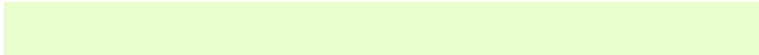
0.0000, 0.0000, 0.0000



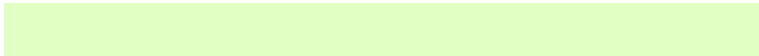
21.4041, 0.3127, 0.3290

Same Dimension

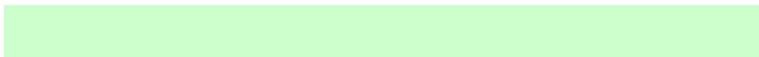
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6918, 0.3265, 0.3818



91.4045, 0.3291, 0.3932



88.8331, 0.3106, 0.3844



20.6225, 0.3193, 0.3530



39.9299, 0.3377, 0.5701



3.9528, 0.3461, 0.5634

Inverse Universe

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



67.0586, 0.2964, 0.2762



61.5390, 0.2925, 0.2648



71.4938, 0.3144, 0.2790



17.8157, 0.3056, 0.3050



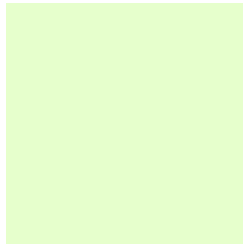
6.1485, 0.2004, 0.0877



0.6635, 0.2127, 0.0945

Previews

White Background



This preview shows how the Yxy color 92.7026, 0.3265, 0.3818 looks on a white background.

Color Contrast Check

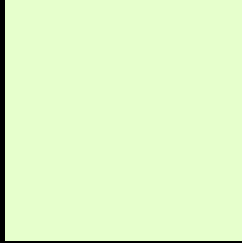
Large Text (above 18pt) WCAG AA × Fail

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 92.7026, 0.3265, 0.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

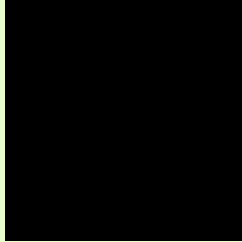
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

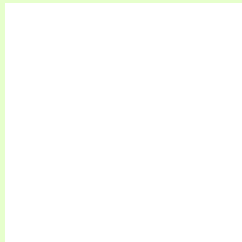
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7026, 0.3265, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 92.7026, 0.3265, 0.3818.

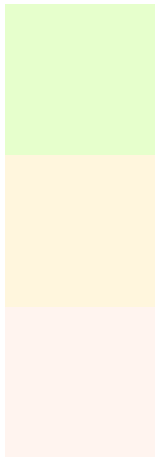


This preview shows how white text looks on a background with the Yxy color 92.7026, 0.3265, 0.3818.

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

92.7026, 0.3265, 0.3818

Protanopia

92.3920, 0.3339, 0.3536

Deuteranopia

92.1934, 0.3229, 0.3339



Tritanopia

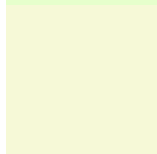
92.1862, 0.3055, 0.3202

Trichromacy



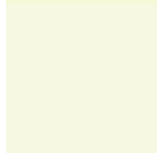
Original Color

92.7026, 0.3265, 0.3818



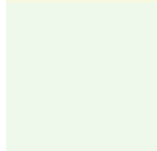
Protanomaly

92.2505, 0.3312, 0.3631



Deuteranomaly

92.2186, 0.3246, 0.3509



Tritanomaly

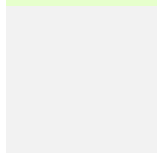
91.9846, 0.3134, 0.3420

Monochromacy



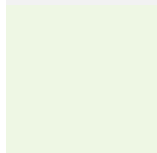
Original Color

92.7026, 0.3265, 0.3818



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3001, 0.3183, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7026, 0.3265, 0.3818 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(230, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 204) }
```

Border

The CSS property to change the border of an element to Yxy 92.7026, 0.3265, 0.3818 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(230, 255, 204) }
```

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

```
.border{ border-color:rgb(230, 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(230, 255, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 255, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 255, 204); box-shadow:4px 4px 4px 4px rgb(230, 255, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7026, 0.3265, 0.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 204) }
```

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

```
.background{ background-color: rgb(230,  
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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