

Converting Colors

$Yxy(92.0754, 0.3360, 0.3983)$

Have a look what the booklet for
Yxy(92.0754, 0.3360, 0.3983)
contains.

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Color

Yxy(92.1398, 0.3365, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFBC
RGB	231, 255, 188
RGB Percent	91%, 100%, 74%
CMY	0.0939, 0.0000, 0.2627
CMYK	0.09, 0.00, 0.26, 0.00
HSL	81°, 100%, 87%
HSV	81°, 26%, 100%
XYZ	77.8044, 92.1398, 61.2724
YIQ	240.1860, 7.2030, -25.9250

Conversions

Conversions Part 2

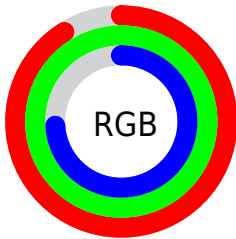
Format	Color
RYB	188, 255, 212
Decimal	15204284
CIELab	96.88, -18.81, 29.50
CIELCh	97, 34.986, 122.531
Yxy	92.1398, 0.3365, 0.3985
Android (android.graphics.Color)	4293394364 (0xFFE7FFBC)
YUV	240.1860, -25.7277, -8.0561
Hunter-Lab	95.9895, -23.2982, 29.3464

Details

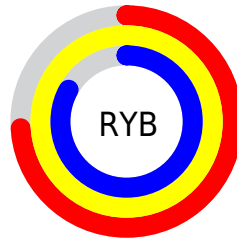
The Yxy color **92.1398, 0.3365, 0.3985** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.1884, 0.2837, 0.2568**, and the grayscale version is **87.5009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **51.2234, 0.3412, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **89.6609, 0.3449, 0.4269**, and if you desaturate by 10%, it is **94.9002, 0.3275, 0.3708**.

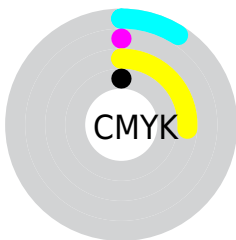
Distribution



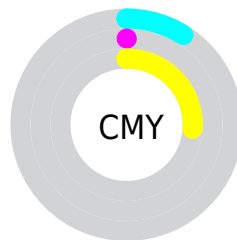
- Red (91%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.1398, 0.3365, 0.3985 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 92.1398, 0.3365, 0.3985 by changing the saturation by 10% instead.

 92.1398, 0.3365,
0.3985

 92.1398, 0.3365,
0.3985


534.9672, 0.3266,
0.3668

 69.7567, 0.3385,
0.4056


 150.3071, 0.3333,
0.3876

 51.3283, 0.3408,
0.4143


186.8602, 0.3320,
0.3833

 36.4699, 0.3435,
0.4251


228.9054, 0.3308,
0.3796

 24.7973, 0.3467,
0.4390

276.8272, 0.3298,
0.3764

 15.9261, 0.3504,
0.4575

331.0098, 0.3289,
0.3736

 9.4719, 0.3544,
0.4829

391.8378, 0.3280,

 5.0502, 0.3578,

0.3711

0.5195

459.6954, 0.3273,
0.3688

■ 2.2768, 0.3827,
0.6173

■ 0.7614, 0.2577,
0.7423

■ 92.1398, 0.3365,
0.3985

■ 92.1398, 0.3365,
0.3985

■ 89.6609, 0.3449,
0.4269

■ 94.9002, 0.3275,
0.3708

■ 87.4399, 0.3522,
0.4552

■ 97.9405, 0.3184,
0.3445

■ 85.4684, 0.3580,
0.4821

99.9957, 0.3127,
0.3290

■ 83.7329, 0.3618,
0.5063

■ 82.2181, 0.3631,
0.5265

■ 80.9062, 0.3619,
0.5419

■ 79.7755, 0.3584,
0.5520

■ 79.3878, 0.3567,
0.5550

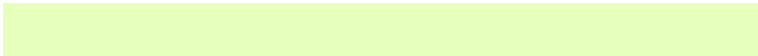
Harmonies

Analogous

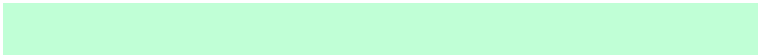
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1398, 0.3703, 0.3933



92.1398, 0.3365, 0.3985



92.1398, 0.2977, 0.3817

Triad

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



92.1398, 0.3365, 0.3985



92.1398, 0.2415, 0.2812



92.1398, 0.3620, 0.3093

Complementary

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



92.1398, 0.3365, 0.3985



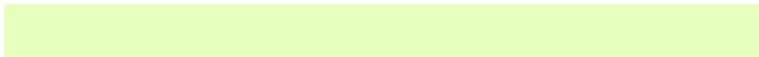
57.1884, 0.2837, 0.2568

Split Complementary

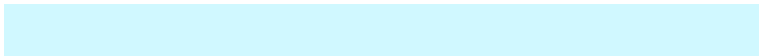
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1398, 0.3244, 0.2835



92.1398, 0.3365, 0.3985



92.1398, 0.2561, 0.2669

Square

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



92.1398, 0.3365, 0.3985



92.1398, 0.2444, 0.3102



92.1398, 0.2857, 0.2683



92.1398, 0.3862, 0.3405

Rectangle

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



92.1398, 0.3365, 0.3985



92.1398, 0.2743, 0.3603



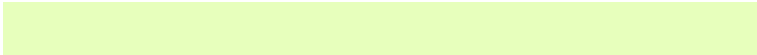
92.1398, 0.2857, 0.2683



92.1398, 0.3503, 0.2998

Sweetspot

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



92.1438, 0.3365, 0.3985



97.3976, 0.3200, 0.3490



71.7091, 0.3632, 0.3533



20.7469, 0.3214, 0.3529



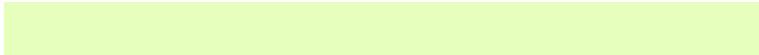
0.0000, 0.0000, 0.0000



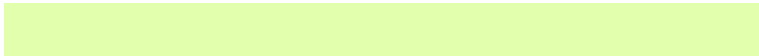
21.4041, 0.3127, 0.3290

Same Dimension

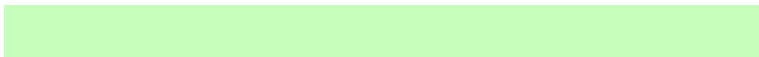
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1438, 0.3365, 0.3985



90.6923, 0.3414, 0.4148



87.1625, 0.3153, 0.4033



20.7469, 0.3214, 0.3529



41.5713, 0.3577, 0.5542



4.1091, 0.3647, 0.5486

Inverse Universe

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



57.1884, 0.2837, 0.2568



49.8984, 0.2759, 0.2391



62.5987, 0.3082, 0.2618



17.6938, 0.3035, 0.3048



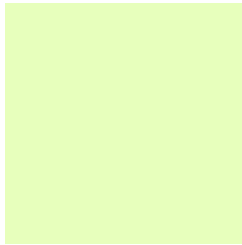
5.0157, 0.1777, 0.0753



0.5471, 0.1901, 0.0821

Previews

White Background



This preview shows how the Yxy color 92.1398, 0.3365, 0.3985 looks on a white background.

Color Contrast Check

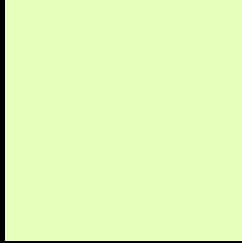
Large Text (above 18pt) WCAG AA × Fail

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 92.1398, 0.3365, 0.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

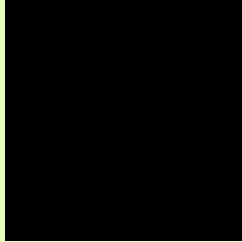
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

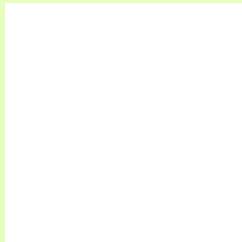
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1398, 0.3365, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 92.1398, 0.3365, 0.3985.

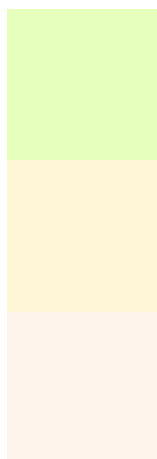


This preview shows how white text looks on a background with the Yxy color 92.1398, 0.3365, 0.3985.

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

92.1398, 0.3365, 0.3985

Protanopia

92.1294, 0.3371, 0.3586

Deuteranopia

92.0175, 0.3248, 0.3368



Tritanopia

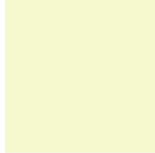
91.7579, 0.3062, 0.3192

Trichromacy



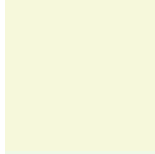
Original Color

92.1398, 0.3365, 0.3985



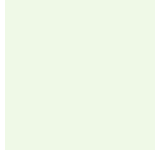
Protanomaly

91.8004, 0.3367, 0.3723



Deuteranomaly

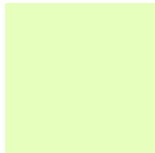
91.8421, 0.3289, 0.3581



Tritanomaly

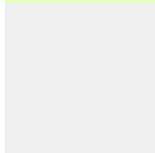
91.8716, 0.3170, 0.3471

Monochromacy



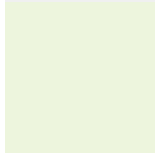
Original Color

92.1398, 0.3365, 0.3985



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5298, 0.3220, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1398, 0.3365, 0.3985 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(231, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 188)  
}
```

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(231, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 188) }
```

Border

The CSS property to change the border of an element to Yxy 92.1398, 0.3365, 0.3985 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(231, 255, 188) }
```

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

```
.border{ border-color:rgb(231, 255, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 255, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 255, 188); box-shadow:4px 4px 4px 4px rgb(231, 255, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1398, 0.3365, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 188) }
```

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

```
.background{ background-color: rgb(231,  
255, 188) }
```

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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