

Converting Colors

$Y_{xy}(91.0729, 0.3417, 0.3872)$

Have a look what the booklet for
Yxy(91.0729, 0.3417, 0.3872)
contains.

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Color

Yxy(91.0987, 0.3418, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	F2FAC1
RGB	242, 250, 193
RGB Percent	95%, 98%, 76%
CMY	0.0509, 0.0196, 0.2431
CMYK	0.03, 0.00, 0.23, 0.02
HSL	68°, 85%, 87%
HSV	68°, 23%, 98%
XYZ	80.4380, 91.0987, 63.7997
YIQ	241.1100, 13.5290, -19.4230

Conversions

Conversions Part 2

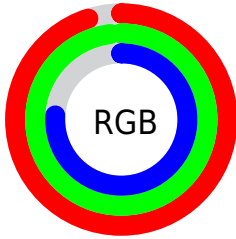
Format	Color
RYB	193, 250, 201
Decimal	15923905
CIELab	96.45, -11.76, 26.52
CIElCh	96, 29.010, 113.906
Yxy	91.0987, 0.3418, 0.3871
Android (android.graphics.Color)	4294113985 (0xFFFF2FAC1)
YUV	241.1100, -23.7182, 0.7805
Hunter-Lab	95.4456, -16.5968, 27.1801

Details

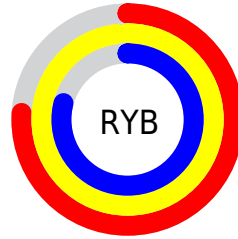
The Yxy color **91.0987, 0.3418, 0.3871** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.4589, 0.2794, 0.2658**, and the grayscale version is **88.2429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **50.7619, 0.3472, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **89.4672, 0.3543, 0.4134**, and if you desaturate by 10%, it is **92.9387, 0.3289, 0.3610**.

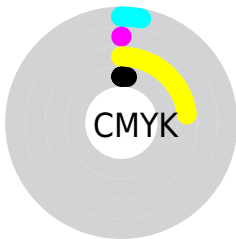
Distribution



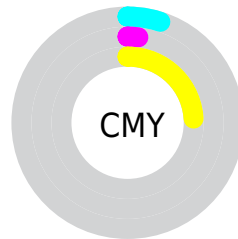
- Red (95%)
- Green (98%)
- Blue (76%)



- Red (76%)
- Yellow (98%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (2%)




- Cyan (5%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0987, 0.3418, 0.3871 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 91.0987, 0.3418, 0.3871 by changing the saturation by 10% instead.

 91.0987, 0.3418,
0.3871

 91.0987, 0.3418,
0.3871


531.5984, 0.3293,
0.3608

 68.8923, 0.3444,
0.3929

 148.8636, 0.3376,
0.3781

 50.6240, 0.3476,
0.4001


185.1908, 0.3360,
0.3746

 35.9094, 0.3514,
0.4090


226.9938, 0.3345,
0.3715

 24.3643, 0.3560,
0.4203

274.6569, 0.3332,
0.3688

 15.6041, 0.3618,
0.4353

328.5645, 0.3320,
0.3665

 9.2444, 0.3691,
0.4558


389.1011, 0.3310,


 4.9009, 0.3779,

0.3644

0.4852


456.6509, 0.3301,
0.3625


 2.1893, 0.4082,
0.5589


 0.7141, 0.3543,
0.6457


 91.0987, 0.3418,
0.3871

 91.0987, 0.3418,
0.3871


 89.4672, 0.3543,
0.4134


 92.9387, 0.3289,
0.3610

 88.0225, 0.3661,
0.4389

 94.9839, 0.3162,
0.3358


 86.7583, 0.3764,
0.4627

 96.3804, 0.3114,
0.3242


 85.6632, 0.3849,
0.4836

 96.8490, 0.3129,
0.3242

 84.7244, 0.3909,
0.5007

 83.9271, 0.3943,
0.5134

 83.2534, 0.3951,
0.5215

 82.8256, 0.3944,
0.5250

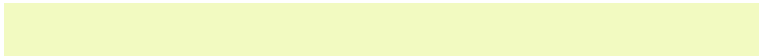
Harmonies

Analogous

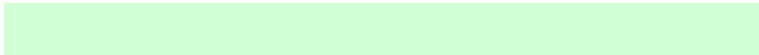
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0987, 0.3669, 0.3788



91.0987, 0.3418, 0.3871



91.0987, 0.3097, 0.3781

Triad

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



91.0987, 0.3418, 0.3871



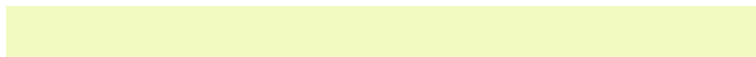
91.0987, 0.2520, 0.2953



91.0987, 0.3455, 0.3056

Complementary

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



91.0987, 0.3418, 0.3871



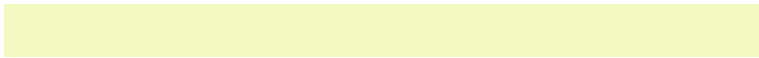
57.4589, 0.2794, 0.2658

Split Complementary

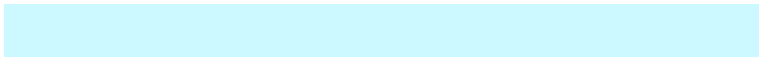
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0987, 0.3131, 0.2859



91.0987, 0.3418, 0.3871



91.0987, 0.2602, 0.2791

Square

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



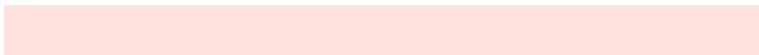
91.0987, 0.3418, 0.3871



91.0987, 0.2588, 0.3224



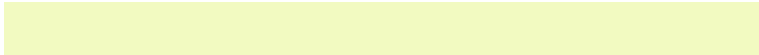
91.0987, 0.2821, 0.2762



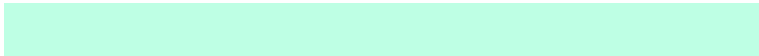
91.0987, 0.3695, 0.3314

Rectangle

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



91.0987, 0.3418, 0.3871



91.0987, 0.2889, 0.3630



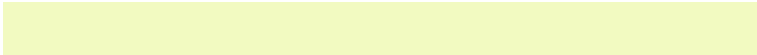
91.0987, 0.2821, 0.2762



91.0987, 0.3351, 0.2981

Sweetspot

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



91.1027, 0.3418, 0.3871



98.4332, 0.3215, 0.3463



65.7640, 0.3580, 0.3371



21.0409, 0.3223, 0.3478



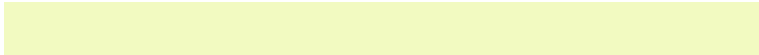
0.0000, 0.0000, 0.0000



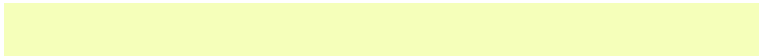
21.4041, 0.3127, 0.3290

Same Dimension

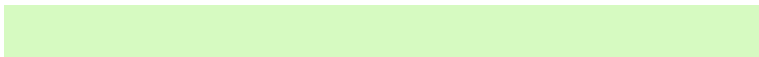
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1027, 0.3418, 0.3871



94.5523, 0.3472, 0.3982



86.5013, 0.3230, 0.3907



20.0606, 0.3247, 0.3526



43.9824, 0.3949, 0.5247



4.1063, 0.3980, 0.5222

Inverse Universe

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



57.4589, 0.2794, 0.2658



54.1061, 0.2721, 0.2523



61.7199, 0.2997, 0.2694



16.7593, 0.3001, 0.3046



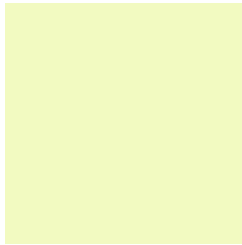
3.8856, 0.1554, 0.0630



0.3943, 0.1641, 0.0678

Previews

White Background



This preview shows how the Yxy color 91.0987, 0.3418, 0.3871 looks on a white background.

Color Contrast Check

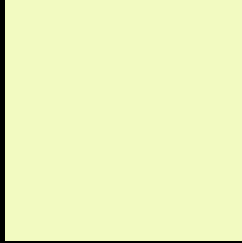
Large Text (above 18pt) WCAG AA × Fail

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 91.0987, 0.3418, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

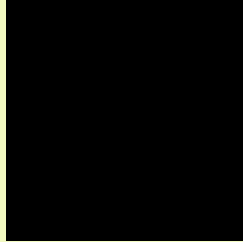
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.0987, 0.3418, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 91.0987, 0.3418, 0.3871.

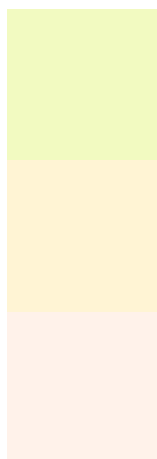


This preview shows how white text looks on a background with the Yxy color 91.0987, 0.3418, 0.3871.

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

91.0987, 0.3418, 0.3871

Protanopia

90.7148, 0.3399, 0.3607

Deuteranopia

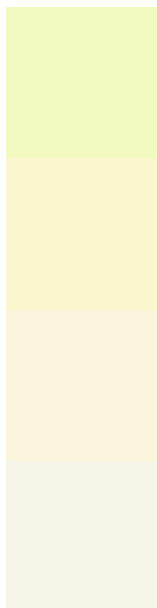
90.7048, 0.3262, 0.3369



Tritanopia

90.8640, 0.3094, 0.3164

Trichromacy



Original Color

91.0987, 0.3418, 0.3871

Protanomaly

90.6433, 0.3405, 0.3701

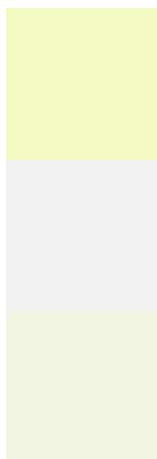
Deuteranomaly

90.7433, 0.3319, 0.3549

Tritanomaly

90.7238, 0.3212, 0.3420

Monochromacy



Original Color

91.0987, 0.3418, 0.3871

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.7840, 0.3229, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0987, 0.3418, 0.3871 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(242, 250, 193)` looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 193)  
}
```

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(242, 250, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 193) }
```

Border

The CSS property to change the border of an element to Yxy 91.0987, 0.3418, 0.3871 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(242, 250, 193) }
```

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

```
.border{ border-color:rgb(242, 250, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 250, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 193);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0987, 0.3418, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 193) }
```

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

```
.background{ background-color: rgb(242,  
250, 193) }
```

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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