

Converting Colors

$Yxy(95.4417, 0.3899, 0.4230)$

Have a look what the booklet for
Yxy(95.4417, 0.3899, 0.4230)
contains.

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Color

Yxy(91.8011, 0.3768, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	FFFA95
RGB	255, 250, 149
RGB Percent	100%, 98%, 58%
CMY	0.0002, 0.0195, 0.4156
CMYK	0.00, 0.02, 0.42, 0.00
HSL	57°, 100%, 79%
HSV	57°, 42%, 100%
XYZ	80.8382, 91.8011, 41.8994
YIQ	239.9810, 35.4010, -30.3510

Conversions

Conversions Part 2

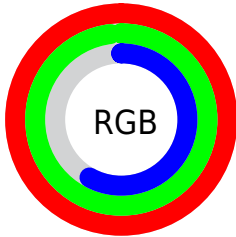
Format	Color
RYB	154, 255, 149
Decimal	16775829
CIELab	96.74, -12.22, 48.91
CIELCh	97, 50.408, 104.024
Yxy	91.8011, 0.3768, 0.4279
Android (android.graphics.Color)	4294965909 (0xFFFFFA95)
YUV	239.9810, -44.8536, 13.1717
Hunter-Lab	95.8129, -17.0705, 41.1412

Details

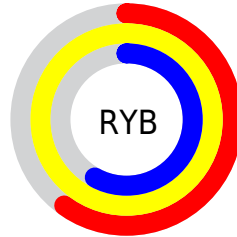
The Yxy color **91.8011, 0.3768, 0.4279** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.7029, 0.2357, 0.2060**, and the grayscale version is **87.4578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **51.2984, 0.3885, 0.4486** is the 20% darker color. If you saturate the color by 10%, you get **90.3427, 0.3909, 0.4490**, and if you desaturate by 10%, it is **93.4508, 0.3616, 0.4048**.

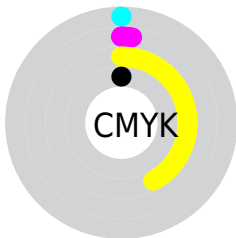
Distribution



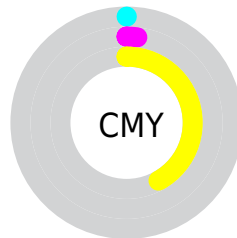
- Red (100%)
- Green (98%)
- Blue (58%)



- Red (60%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8011, 0.3768, 0.4279 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 91.8011, 0.3768, 0.4279 by changing the saturation by 10% instead.


 91.8011, 0.3768,
0.4279


 91.8011, 0.3768,
0.4279


533.8725, 0.3499,
0.3840

 69.4754, 0.3821,
0.4372

 149.8377, 0.3681,
0.4132

 51.0990, 0.3883,
0.4484


 186.3174, 0.3645,
0.4073

 36.2874, 0.3954,
0.4619


228.2839, 0.3614,
0.4022

 24.6562, 0.4035,
0.4783

276.1217, 0.3586,
0.3977

 15.8211, 0.4124,
0.4984

330.2150, 0.3561,
0.3937

 9.3977, 0.4210,
0.5228

390.9483, 0.3538,

 5.0015, 0.4362,

0.3901

0.5638

458.7060, 0.3518,
0.3869

■ 2.2481, 0.4201,
0.5799

■ 0.7460, 0.3552,
0.6448

■ 91.8011, 0.3768,
0.4279

■ 91.8011, 0.3768,
0.4279

■ 90.3427, 0.3909,
0.4490

■ 93.4508, 0.3616,
0.4048

■ 89.0512, 0.4033,
0.4671

■ 95.2898, 0.3458,
0.3806

■ 87.9177, 0.4134,
0.4814

■ 97.3323, 0.3302,
0.3563

■ 86.9269, 0.4209,
0.4913

■ 99.5874, 0.3150,
0.3326

■ 86.0608, 0.4256,
0.4967

99.9908, 0.3127,
0.3290

■ 85.4025, 0.4278,
0.4985

Harmonies

Analogous

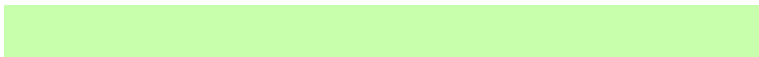
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8011, 0.4145, 0.4008



91.8011, 0.3768, 0.4279



91.8011, 0.3237, 0.4263

Triad

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



91.8011, 0.3768, 0.4279



91.8011, 0.2126, 0.2822



91.8011, 0.3508, 0.2775

Complementary

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



91.8011, 0.3768, 0.4279



36.7029, 0.2357, 0.2060

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.



91.8011, 0.2936, 0.2506



91.8011, 0.3768, 0.4279



91.8011, 0.2181, 0.2503

Square

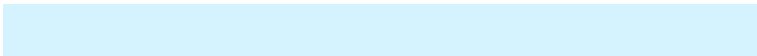
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.8011, 0.3768, 0.4279



91.8011, 0.2306, 0.3335



91.8011, 0.2462, 0.2405



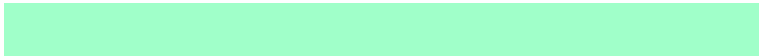
91.8011, 0.4006, 0.3161

Rectangle

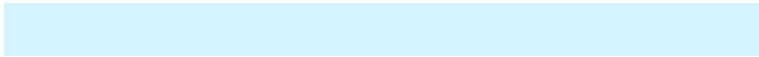
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.8011, 0.3768, 0.4279



91.8011, 0.2872, 0.4054



91.8011, 0.2462, 0.2405



91.8011, 0.3316, 0.2670

Sweetspot

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



91.8053, 0.3768, 0.4279



97.2782, 0.3309, 0.3574



45.0954, 0.4152, 0.3237



20.7621, 0.3329, 0.3606



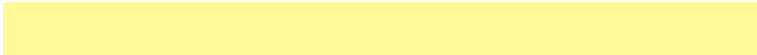
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

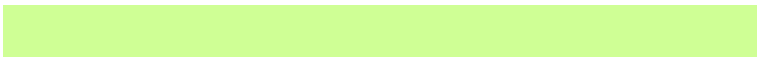
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8053, 0.3768, 0.4279



90.5972, 0.3888, 0.4459



86.9655, 0.3424, 0.4445



20.9372, 0.3270, 0.3514



44.7075, 0.4277, 0.4986



4.3960, 0.4266, 0.4994

Inverse Universe

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



36.7029, 0.2357, 0.2060



28.6648, 0.2177, 0.1767



40.5462, 0.2695, 0.2112



17.5132, 0.2978, 0.3056



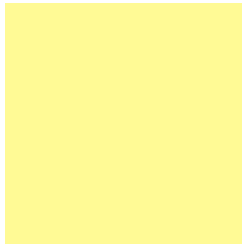
3.9658, 0.1508, 0.0628



0.4317, 0.1526, 0.0693

Previews

White Background



This preview shows how the Yxy color 91.8011, 0.3768, 0.4279 looks on a white background.

Color Contrast Check

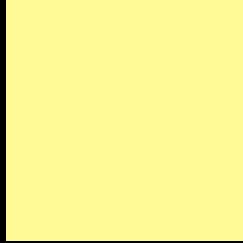
Large Text (above 18pt) WCAG AA × Fail

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 91.8011, 0.3768, 0.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

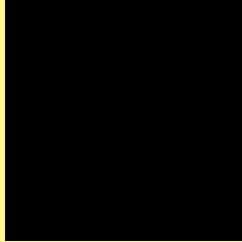
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.8011, 0.3768, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 91.8011, 0.3768, 0.4279.

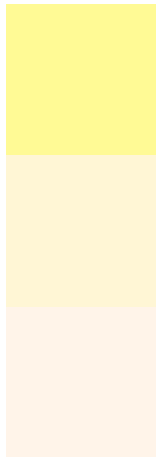


This preview shows how white text looks on a background with the Yxy color 91.8011, 0.3768, 0.4279.

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

91.8011, 0.3768, 0.4279

Protanopia

91.9756, 0.3389, 0.3616

Deuteranopia

91.8446, 0.3267, 0.3398



Tritanopia

91.6664, 0.3163, 0.3213

Trichromacy



Original Color

91.8011, 0.3768, 0.4279



Protanomaly

91.4992, 0.3532, 0.3857



Deuteranomaly

91.4358, 0.3459, 0.3727



Tritanomaly

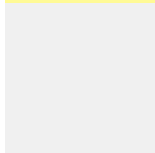
91.3689, 0.3391, 0.3607

Monochromacy



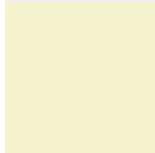
Original Color

91.8011, 0.3768, 0.4279



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.6188, 0.3362, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8011, 0.3768, 0.4279 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(255, 250, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 149)  
}
```

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(255, 250, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 149) }
```

Border

The CSS property to change the border of an element to Yxy 91.8011, 0.3768, 0.4279 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(255, 250, 149) }
```

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

```
.border{ border-color:rgb(255, 250, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 250, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8011, 0.3768, 0.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 149) }
```

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

```
.background{ background-color: rgb(255,  
250, 149) }
```

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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