

Converting Colors

$Y_{xy}(91.0360, 0.3910, 0.4508)$

Have a look what the booklet for
Yxy(91.0360, 0.3910, 0.4508)
contains.

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Color

Yxy(91.0364, 0.3912, 0.4511)

Conversions

Conversions Part 1

Format	Color
Hex	FFFA7A
RGB	255, 250, 122
RGB Percent	100%, 98%, 48%
CMY	0.0000, 0.0196, 0.5215
CMYK	0.00, 0.02, 0.52, 0.00
HSL	58°, 100%, 74%
HSV	58°, 52%, 100%
XYZ	78.9480, 91.0364, 31.8254
YIQ	236.9030, 44.0680, -38.7480

Conversions

Conversions Part 2

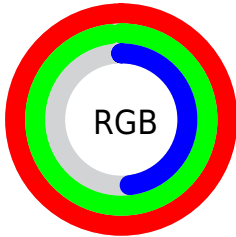
Format	Color
RYB	127, 255, 122
Decimal	16775802
CIELab	96.43, -14.58, 61.11
CIELCh	96, 62.823, 103.423
Yxy	91.0364, 0.3912, 0.4511
Android (android.graphics.Color)	4294965882 (0xFFFFFA7A)
YUV	236.9030, -56.6472, 15.8711
Hunter-Lab	95.4130, -19.2757, 47.0127

Details

The Yxy color **91.0364, 0.3912, 0.4511** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **26.5408, 0.2129, 0.1678**, and the grayscale version is **85.0270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **50.7367, 0.4035, 0.4749** is the 20% darker color. If you saturate the color by 10%, you get **89.8881, 0.4032, 0.4691**, and if you desaturate by 10%, it is **92.3494, 0.3773, 0.4300**.

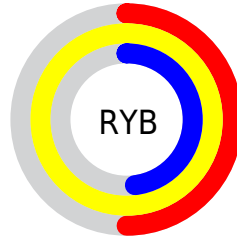
Distribution



Red (100%)

Green (98%)

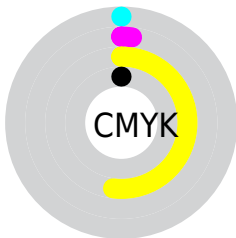
Blue (48%)



Red (50%)

Yellow (100%)

Blue (48%)

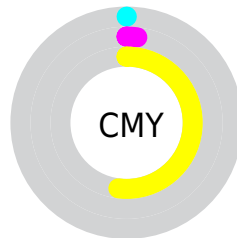


Cyan (0%)

Magenta (2%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0364, 0.3912, 0.4511 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 91.0364, 0.3912, 0.4511 by changing the saturation by 10% instead.


 91.0364, 0.3912,
0.4511


 91.0364, 0.3912,
0.4511


531.3965, 0.3593,
0.3976

 68.8406, 0.3971,
0.4621

 148.7772, 0.3812,
0.4334

 50.5819, 0.4037,
0.4751


 185.0909, 0.3770,
0.4263

 35.8759, 0.4109,
0.4902


 226.8793, 0.3732,
0.4200

 24.3384, 0.4183,
0.5080

274.5269, 0.3699,
0.4145

 15.5848, 0.4250,
0.5285

328.4180, 0.3668,
0.4096

 9.2309, 0.4345,
0.5584

388.9370, 0.3641,

 4.8921, 0.4255,

0.4052

0.5745

456.4684, 0.3616,
0.4012

■ 2.1841, 0.4058,
0.5942

■ 0.7113, 0.3103,
0.6897

■ 91.0364, 0.3912,
0.4511

■ 91.0364, 0.3912,
0.4511

■ 89.8881, 0.4032,
0.4691

■ 92.3494, 0.3773,
0.4300

■ 88.8975, 0.4129,
0.4832


■ 93.8451, 0.3623,
0.4068


■ 88.0471, 0.4199,
0.4929

■ 95.5322, 0.3467,
0.3826

■ 87.3186, 0.4243,
0.4982

■ 97.4207, 0.3311,
0.3580

 86.8106, 0.4262,
0.4998

 99.5198, 0.3159,
0.3340

100.0000, 0.3127,
0.3290

Harmonies

Analogous

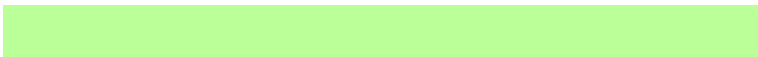
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0364, 0.4386, 0.4138



91.0364, 0.3912, 0.4511



91.0364, 0.3258, 0.4535

Triad

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



91.0364, 0.3912, 0.4511



91.0364, 0.1911, 0.2705



91.0364, 0.3582, 0.2652

Complementary

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



91.0364, 0.3912, 0.4511



26.5408, 0.2129, 0.1678

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.



91.0364, 0.2868, 0.2336



91.0364, 0.3912, 0.4511



91.0364, 0.1974, 0.2325

Square

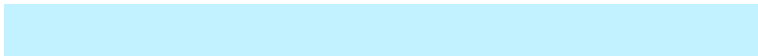
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.0364, 0.3912, 0.4511



91.0364, 0.2123, 0.3347



91.0364, 0.2300, 0.2214



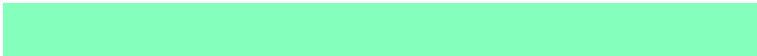
91.0364, 0.4217, 0.3107

Rectangle

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



91.0364, 0.3912, 0.4511



91.0364, 0.2810, 0.4279



91.0364, 0.2300, 0.2214



91.0364, 0.3339, 0.2528

Sweetspot

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



91.0343, 0.3912, 0.4511



96.6697, 0.3371, 0.3674



36.7576, 0.4578, 0.3227



20.6080, 0.3403, 0.3725



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

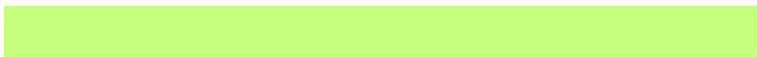
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0343, 0.3912, 0.4511



89.7984, 0.4041, 0.4705



84.5481, 0.3476, 0.4754



20.9666, 0.3270, 0.3516



45.4123, 0.4260, 0.4999



4.4568, 0.4252, 0.5006

Inverse Universe

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



26.5408, 0.2129, 0.1678



18.8084, 0.1910, 0.1316



31.0692, 0.2550, 0.1790



17.4872, 0.2978, 0.3053



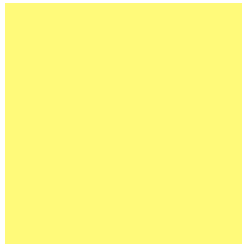
3.9288, 0.1506, 0.0622



0.4194, 0.1521, 0.0676

Previews

White Background



This preview shows how the Yxy color 91.0364, 0.3912, 0.4511 looks on a white background.

Color Contrast Check

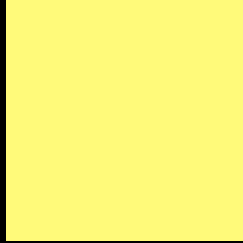
Large Text (above 18pt) WCAG AA × Fail

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 91.0364, 0.3912, 0.4511 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 91.0364, 0.3912, 0.4511

Background



This preview shows how black text looks on a background with the Yxy color 91.0364, 0.3912, 0.4511.

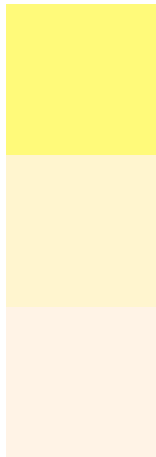


This preview shows how white text looks on a background with the Yxy color 91.0364, 0.3912, 0.4511.

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

91.0364, 0.3912, 0.4511

Protanopia

91.0698, 0.3429, 0.3667

Deuteranopia

91.0744, 0.3286, 0.3418



Tritanopia

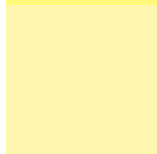
91.0101, 0.3170, 0.3213

Trichromacy



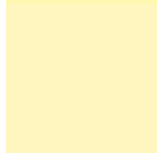
Original Color

91.0364, 0.3912, 0.4511



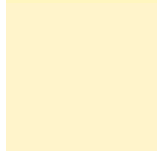
Protanomaly

90.9161, 0.3619, 0.3996



Deuteranomaly

90.9331, 0.3528, 0.3837



Tritanomaly

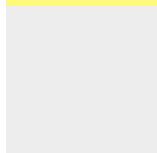
90.2732, 0.3456, 0.3698

Monochromacy



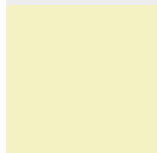
Original Color

91.0364, 0.3912, 0.4511



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6775, 0.3434, 0.3772

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0364, 0.3912, 0.4511 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 122) }
```

Border

The CSS property to change the border of an element to Yxy 91.0364, 0.3912, 0.4511 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, 122) }
```

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

```
.border{ border-color:rgb(255, 250, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0364, 0.3912, 0.4511 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, 122) }
```

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

```
.background{ background-color: rgb(255,  
250, 122) }
```

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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