

Converting Colors

$Yxy(91.3387, 0.3526, 0.4096)$

Have a look what the booklet for
Yxy(91.3387, 0.3526, 0.4096)
contains.

Yxy(91.3387, 0.3526, 0.4096)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.3387, 0.3526, 0.4096)

Conversions

Conversions Part 1

Format	Color
Hex	F1FCAD
RGB	241, 252, 173
RGB Percent	95%, 99%, 68%
CMY	0.0549, 0.0117, 0.3215
CMYK	0.04, 0.00, 0.31, 0.01
HSL	68°, 93%, 83%
HSV	68°, 31%, 99%
XYZ	78.6280, 91.3387, 53.0282
YIQ	239.7050, 18.8030, -26.9010

Conversions

Conversions Part 2

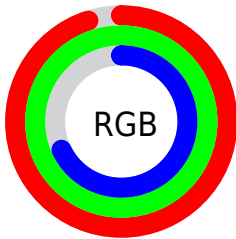
Format	Color
R_{YB}	173, 252, 184
Decimal	15858861
CIE _{Lab}	96.55, -15.76, 36.70
CIE _{LCh}	97, 39.935, 113.236
Yxy	91.3387, 0.3526, 0.4096
Android (android.graphics.Color)	4294048941 (0xFFFF1FCAD)
YUV	239.7050, -32.8856, 1.1357
Hunter-Lab	95.5713, -20.3950, 34.0026

Details

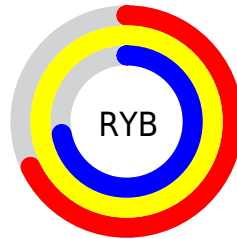
The Yxy color **91.3387, 0.3526, 0.4096** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.1164, 0.2643, 0.2381**, and the grayscale version is **87.1483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **50.5766, 0.3600, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **89.8448, 0.3645, 0.4353**, and if you desaturate by 10%, it is **93.0367, 0.3400, 0.3833**.

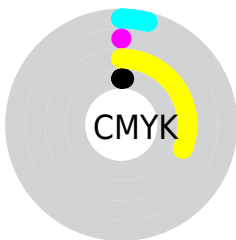
Distribution



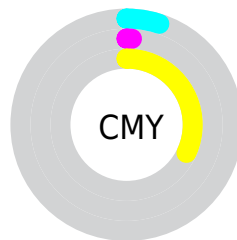
- Red (95%)
- Green (99%)
- Blue (68%)



- Red (68%)
- Yellow (99%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)



- Cyan (5%)
- Magenta (1%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3387, 0.3526, 0.4096 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 91.3387, 0.3526, 0.4096 by changing the saturation by 10% instead.


 91.3387, 0.3526,
0.4096

 91.3387, 0.3526,
0.4096


532.3760, 0.3358,
0.3731

 69.0915, 0.3560,
0.4177


 149.1965, 0.3471,
0.3971

 50.7862, 0.3600,
0.4275


185.5759, 0.3449,
0.3922

 36.0385, 0.3647,
0.4396


227.4348, 0.3429,
0.3880

 24.4639, 0.3703,
0.4549

275.1577, 0.3411,
0.3843

 15.6781, 0.3767,
0.4748

329.1288, 0.3396,
0.3810

 9.2967, 0.3838,
0.5013

389.7327, 0.3382,

 4.9352, 0.3914,

0.3780

457.3536, 0.3369,
0.3754

0.5392

2.2093, 0.3994,
0.6006

0.7251, 0.2958,
0.7042

91.3387, 0.3526,
0.4096

91.3387, 0.3526,
0.4096

89.8448, 0.3645,
0.4353

93.0367, 0.3400,
0.3833

88.5324, 0.3751,
0.4594

94.9361, 0.3271,
0.3573

87.3940, 0.3838,
0.4808

97.0500, 0.3144,
0.3323

86.4167, 0.3902,
0.4985

98.1055, 0.3128,
0.3262

■ 85.5860, 0.3940,
0.5118

■ 84.8840, 0.3952,
0.5206

■ 84.3568, 0.3945,
0.5250

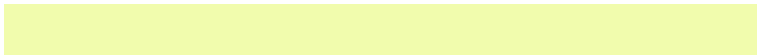
Harmonies

Analogous

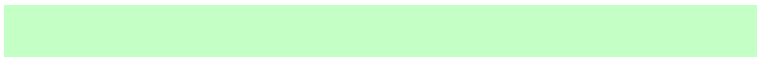
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3387, 0.3872, 0.3958



91.3387, 0.3526, 0.4096



91.3387, 0.3088, 0.3986

Triad

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



91.3387, 0.3526, 0.4096



91.3387, 0.2309, 0.2827



91.3387, 0.3567, 0.2965

Complementary

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



91.3387, 0.3526, 0.4096



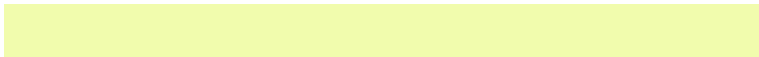
47.1164, 0.2643, 0.2381

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.



91.3387, 0.3116, 0.2707



91.3387, 0.3526, 0.4096



91.3387, 0.2413, 0.2614

Square

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



91.3387, 0.3526, 0.4096



91.3387, 0.2401, 0.3198



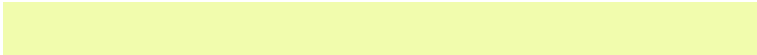
91.3387, 0.2698, 0.2579



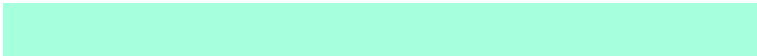
91.3387, 0.3907, 0.3303

Rectangle

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



91.3387, 0.3526, 0.4096



91.3387, 0.2805, 0.3775



91.3387, 0.2698, 0.2579



91.3387, 0.3422, 0.2867

Sweetspot

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



91.3428, 0.3526, 0.4096



98.0071, 0.3241, 0.3513



57.8083, 0.3812, 0.3404



20.9123, 0.3260, 0.3551



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

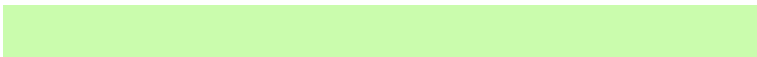
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3428, 0.3526, 0.4096



92.7788, 0.3607, 0.4269



85.1970, 0.3264, 0.4169



20.0609, 0.3247, 0.3526



43.9882, 0.3949, 0.5246



4.1067, 0.3980, 0.5222

Inverse Universe

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



47.1164, 0.2643, 0.2381



40.4347, 0.2517, 0.2156



52.6171, 0.2935, 0.2453



16.7591, 0.3001, 0.3046



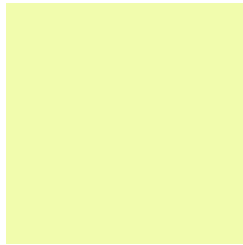
3.8849, 0.1554, 0.0630



0.3942, 0.1641, 0.0678

Previews

White Background



This preview shows how the Yxy color 91.3387, 0.3526, 0.4096 looks on a white background.

Color Contrast Check

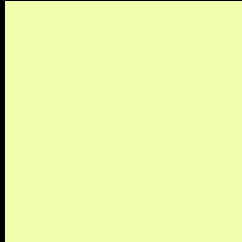
Large Text (above 18pt) WCAG AA × Fail

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 91.3387, 0.3526, 0.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

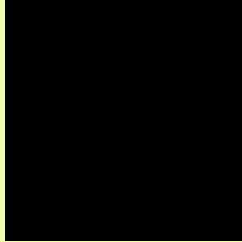
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3387, 0.3526, 0.4096

Background



This preview shows how black text looks on a background with the Yxy color 91.3387, 0.3526, 0.4096.

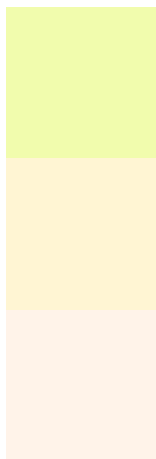


This preview shows how white text looks on a background with the Yxy color 91.3387, 0.3526, 0.4096.

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

91.3387, 0.3526, 0.4096

Protanopia

91.2680, 0.3404, 0.3627

Deuteranopia

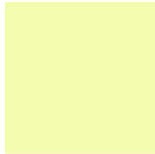
91.2444, 0.3268, 0.3388



Tritanopia

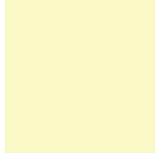
91.0483, 0.3101, 0.3164

Trichromacy



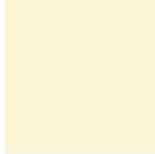
Original Color

91.3387, 0.3526, 0.4096



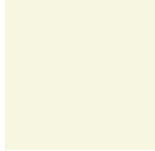
Protanomaly

91.4900, 0.3452, 0.3802



Deuteranomaly

90.9387, 0.3368, 0.3640



Tritanomaly

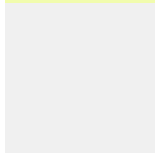
91.1219, 0.3261, 0.3500

Monochromacy



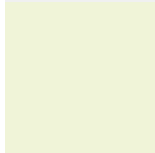
Original Color

91.3387, 0.3526, 0.4096



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.1845, 0.3272, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3387, 0.3526, 0.4096 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(241, 252, 173)` looks like.

```
.text, #text, p{  
    color:rgb(241, 252, 173)  
}
```

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(241, 252, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 252, 173) }
```

Border

The CSS property to change the border of an element to Yxy 91.3387, 0.3526, 0.4096 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(241, 252, 173) }
```

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

```
.border{ border-color:rgb(241, 252, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 252, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 252, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 252, 173);  
box-shadow:4px 4px 4px 4px rgb(241, 252,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3387, 0.3526, 0.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 252, 173) }
```

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

```
.background{ background-color: rgb(241,  
252, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor