

Converting Colors

$Yxy(93.0313, 0.3740, 0.4257)$

Have a look what the booklet for
Yxy(93.0313, 0.3740, 0.4257)
contains.

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Color

Yxy(93.1807, 0.3739, 0.4259)

Conversions

Conversions Part 1

Format	Color
Hex	FFFC99
RGB	255, 252, 153
RGB Percent	100%, 99%, 60%
CMY	0.0000, 0.0118, 0.4001
CMYK	0.00, 0.01, 0.40, 0.00
HSL	58°, 100%, 80%
HSV	58°, 40%, 100%
XYZ	81.8039, 93.1807, 43.8008
YIQ	241.6110, 33.5670, -30.1530

Conversions

Conversions Part 2

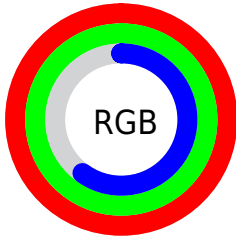
Format	Color
R_{YB}	156, 255, 153
Decimal	16776345
CIE _{Lab}	97.30, -12.76, 47.71
CIE _{LCh}	97, 49.383, 104.973
Yxy	93.1807, 0.3739, 0.4259
Android (android.graphics.Color)	4294966425 (0xFFFFFC99)
YUV	241.6110, -43.6852, 11.7422
Hunter-Lab	96.5302, -17.6591, 40.6681

Details

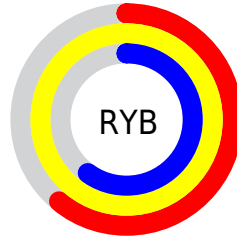
The Yxy color **93.1807, 0.3739, 0.4259** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.7595, 0.2387, 0.2092**, and the grayscale version is **88.7997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **52.2703, 0.3848, 0.4463** is the 20% darker color. If you saturate the color by 10%, you get **91.9572, 0.3879, 0.4476**, and if you desaturate by 10%, it is **94.5873, 0.3588, 0.4023**.

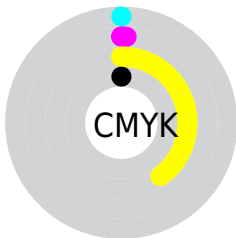
Distribution



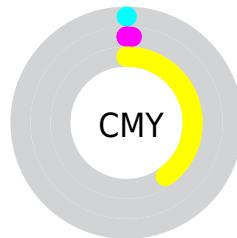
- Red (100%)
- Green (99%)
- Blue (60%)



- Red (61%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1807, 0.3739, 0.4259 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 93.1807, 0.3739, 0.4259 by changing the saturation by 10% instead.


 93.1807, 0.3739,
0.4259


 93.1807, 0.3739,
0.4259


538.3241, 0.3483,
0.3829

 70.6217, 0.3790,
0.4351


 151.7488, 0.3656,
0.4115

 52.0335, 0.3849,
0.4461


 188.5266, 0.3622,
0.4057

 37.0318, 0.3917,
0.4593


230.8129, 0.3592,
0.4007

 25.2321, 0.3995,
0.4756

278.9919, 0.3565,
0.3963

 16.2501, 0.4081,
0.4957

333.4482, 0.3541,
0.3924

 9.7013, 0.4167,
0.5203


394.5661, 0.3520,


 5.2014, 0.4346,


0.3889


0.5654


462.7299, 0.3500,
0.3857


 2.3659, 0.4182,
0.5818


 0.8083, 0.3611,
0.6389


 93.1807, 0.3739,
0.4259


 93.1807, 0.3739,
0.4259

 91.9572, 0.3879,
0.4476


 94.5873, 0.3588,
0.4023

 90.9034, 0.4001,
0.4664

 96.1858, 0.3433,
0.3777

 90.0070, 0.4101,
0.4815

 97.9864, 0.3278,
0.3530

 89.2531, 0.4175,
0.4922

99.9983, 0.3127,
0.3290

■ 88.6242, 0.4222,
0.4985

100.0000, 0.3127,
0.3290

■ 88.0918, 0.4246,
0.5010

Harmonies

Analogous

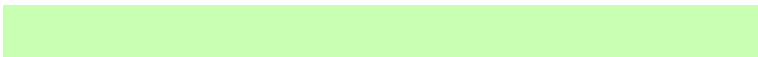
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1807, 0.4113, 0.4004



93.1807, 0.3739, 0.4259



93.1807, 0.3219, 0.4230

Triad

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



93.1807, 0.3739, 0.4259



93.1807, 0.2147, 0.2822



93.1807, 0.3517, 0.2798

Complementary

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



93.1807, 0.3739, 0.4259



37.7595, 0.2387, 0.2092

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.



93.1807, 0.2958, 0.2530



93.1807, 0.3739, 0.4259



93.1807, 0.2208, 0.2516

Square

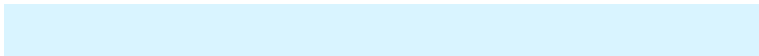
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.1807, 0.3739, 0.4259



93.1807, 0.2316, 0.3317



93.1807, 0.2490, 0.2425



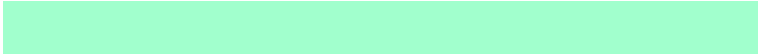
93.1807, 0.3996, 0.3178

Rectangle

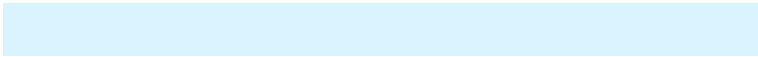
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.1807, 0.3739, 0.4259



93.1807, 0.2863, 0.4019



93.1807, 0.2490, 0.2425



93.1807, 0.3330, 0.2693

Sweetspot

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



93.1813, 0.3739, 0.4259



97.6112, 0.3308, 0.3579



46.4488, 0.4114, 0.3257



20.8411, 0.3328, 0.3611



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

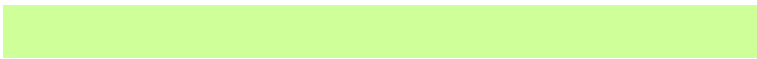
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1813, 0.3739, 0.4259



92.1890, 0.3852, 0.4435



87.1409, 0.3403, 0.4404



20.9937, 0.3270, 0.3518



46.0709, 0.4245, 0.5011



4.5135, 0.4239, 0.5016

Inverse Universe

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



37.7595, 0.2387, 0.2092



29.8379, 0.2215, 0.1811



42.3562, 0.2729, 0.2164



17.4632, 0.2978, 0.3051



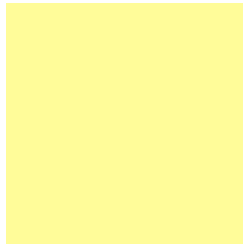
3.8946, 0.1505, 0.0617



0.4080, 0.1517, 0.0659

Previews

White Background



This preview shows how the Yxy color 93.1807, 0.3739, 0.4259 looks on a white background.

Color Contrast Check

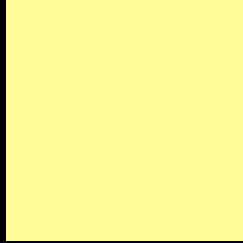
Large Text (above 18pt) WCAG AA × Fail

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 93.1807, 0.3739, 0.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

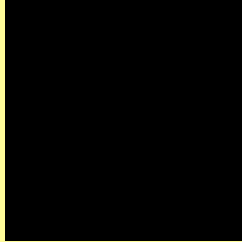
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.1807, 0.3739, 0.4259

Background



This preview shows how black text looks on a background with the Yxy color 93.1807, 0.3739, 0.4259.

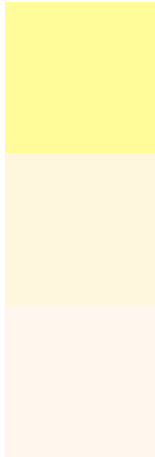


This preview shows how white text looks on a background with the Yxy color 93.1807, 0.3739, 0.4259.

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

93.1807, 0.3739, 0.4259

Protanopia

93.0020, 0.3338, 0.3546

Deuteranopia

93.2860, 0.3240, 0.3378



Tritanopia

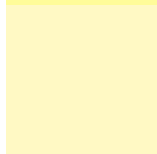
92.9264, 0.3156, 0.3223

Trichromacy



Original Color

93.1807, 0.3739, 0.4259



Protanomaly

92.9969, 0.3490, 0.3815



Deuteranomaly

92.8510, 0.3430, 0.3705



Tritanomaly

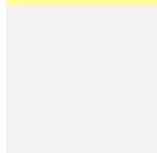
92.6878, 0.3375, 0.3606

Monochromacy



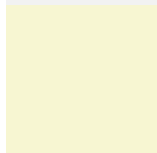
Original Color

93.1807, 0.3739, 0.4259



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3388, 0.3354, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1807, 0.3739, 0.4259 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, 252, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 153)  
}
```

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, 252, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 153) }
```

Border

The CSS property to change the border of an element to Yxy 93.1807, 0.3739, 0.4259 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, 252, 153) }
```

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

```
.border{ border-color:rgb(255, 252, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1807, 0.3739, 0.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 153) }
```

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

```
.background{ background-color: rgb(255,  
252, 153) }
```

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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