

Converting Colors

$Yxy(93.8097, 0.3732, 0.4368)$

Have a look what the booklet for
Yxy(93.8097, 0.3732, 0.4368)
contains.

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Color

Yxy(93.8883, 0.3737, 0.4370)

Conversions

Conversions Part 1

Format	Color
Hex	FAFF91
RGB	250, 255, 145
RGB Percent	98%, 100%, 57%
CMY	0.0197, 0.0000, 0.4314
CMYK	0.02, 0.00, 0.43, 0.00
HSL	63°, 100%, 78%
HSV	63°, 43%, 100%
XYZ	80.2885, 93.8883, 40.6706
YIQ	240.9650, 32.3300, -35.2700

Conversions

Conversions Part 2

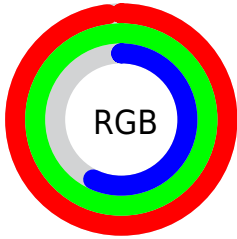
Format	Color
RYB	145, 255, 150
Decimal	16449425
CIELab	97.59, -16.95, 51.80
CIElCh	98, 54.505, 108.115
Yxy	93.8883, 0.3737, 0.4370
Android (android.graphics.Color)	4294639505 (0xFFFAFF91)
YUV	240.9650, -47.3107, 7.9237
Hunter-Lab	96.8960, -21.6620, 42.9411

Details

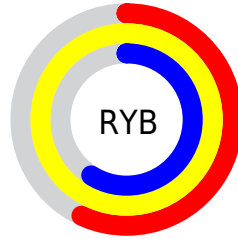
The Yxy color **93.8883, 0.3737, 0.4370** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **33.9501, 0.2346, 0.1954**, and the grayscale version is **88.2870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **52.3673, 0.3843, 0.4587** is the 20% darker color. If you saturate the color by 10%, you get **92.9694, 0.3857, 0.4591**, and if you desaturate by 10%, it is **94.9764, 0.3603, 0.4127**.

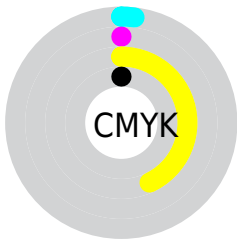
Distribution



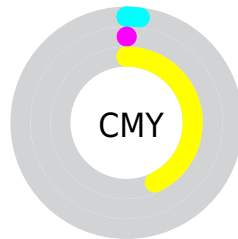
- Red (98%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (59%)



- Cyan (2%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8883, 0.3737, 0.4370 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 93.8883, 0.3737, 0.4370 by changing the saturation by 10% instead.


 93.8883, 0.3737,
0.4370

 93.8883, 0.3737,
0.4370


540.5998, 0.3487,
0.3890

 71.2101, 0.3785,
0.4472


 152.7279, 0.3657,
0.4209

 52.5136, 0.3840,
0.4595


 189.6579, 0.3624,
0.4144

 37.4146, 0.3901,
0.4742


232.1074, 0.3595,
0.4088

 25.5287, 0.3968,
0.4922

280.4607, 0.3569,
0.4039

 16.4714, 0.4036,
0.5142

335.1022, 0.3545,
0.3995

 9.8583, 0.4091,
0.5410

396.4163, 0.3524,

 5.3051, 0.4172,

0.3956

0.5828

464.7874, 0.3505,
0.3921

■ 2.4274, 0.3955,
0.6045

■ 0.8399, 0.3141,
0.6859

■ 93.8883, 0.3737,
0.4370

■ 93.8883, 0.3737,
0.4370

■ 92.9694, 0.3857,
0.4591

■ 94.9764, 0.3603,
0.4127

■ 92.2207, 0.3958,
0.4780

■ 96.2575, 0.3460,
0.3874

■ 91.6245, 0.4034,
0.4929

■ 97.7373, 0.3315,
0.3617

■ 91.1652, 0.4084,
0.5034

■ 99.4250, 0.3171,
0.3367

■ 90.8239, 0.4108,
0.5095

100.0000, 0.3127,
0.3290

■ 90.6393, 0.4112,
0.5117

Harmonies

Analogous

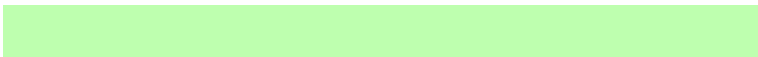
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8883, 0.4175, 0.4104



93.8883, 0.3737, 0.4370



93.8883, 0.3159, 0.4309

Triad

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



93.8883, 0.3737, 0.4370



93.8883, 0.2055, 0.2725



93.8883, 0.3617, 0.2791

Complementary

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



93.8883, 0.3737, 0.4370



33.9501, 0.2346, 0.1954

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.



93.8883, 0.3000, 0.2486



93.8883, 0.3737, 0.4370



93.8883, 0.2147, 0.2422

Square

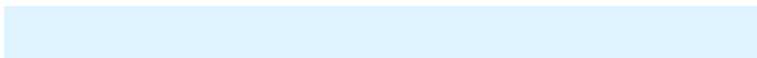
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.8883, 0.3737, 0.4370



93.8883, 0.2209, 0.3251



93.8883, 0.2474, 0.2351



93.8883, 0.4126, 0.3210

Rectangle

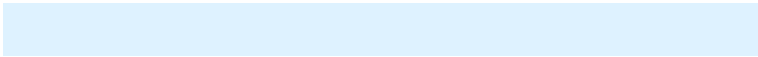
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.8883, 0.3737, 0.4370



93.8883, 0.2775, 0.4050



93.8883, 0.2474, 0.2351



93.8883, 0.3413, 0.2673

Sweetspot

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



93.8840, 0.3737, 0.4370



97.7601, 0.3313, 0.3614



44.6882, 0.4253, 0.3332



20.8509, 0.3345, 0.3670



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

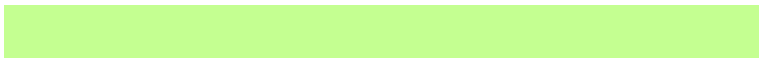
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8840, 0.3737, 0.4370



93.0654, 0.3844, 0.4567



85.3431, 0.3372, 0.4517



21.0460, 0.3262, 0.3525



47.3795, 0.4114, 0.5116



4.6257, 0.4123, 0.5108

Inverse Universe

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



33.9501, 0.2346, 0.1954



25.8618, 0.2158, 0.1640



40.2549, 0.2748, 0.2088



17.4173, 0.2986, 0.3045



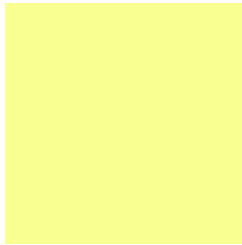
3.8289, 0.1513, 0.0607



0.3861, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 93.8883, 0.3737, 0.4370 looks on a white background.

Color Contrast Check

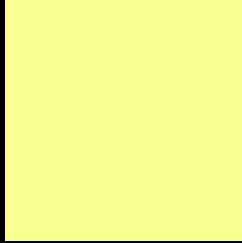
Large Text (above 18pt) WCAG AA × Fail

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 93.8883, 0.3737, 0.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

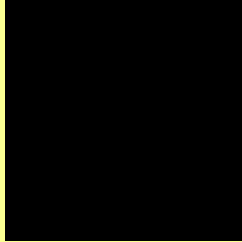
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.8883, 0.3737, 0.4370

Background



This preview shows how black text looks on a background with the Yxy color 93.8883, 0.3737, 0.4370.

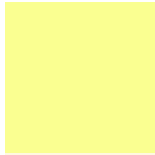


This preview shows how white text looks on a background with the Yxy color 93.8883, 0.3737, 0.4370.

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



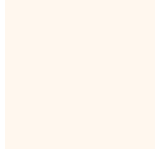
Original Color

93.8883, 0.3737, 0.4370



Protanopia

93.7766, 0.3318, 0.3525



Deuteranopia

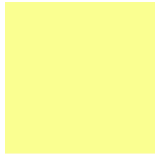
93.9546, 0.3233, 0.3378



Tritanopia

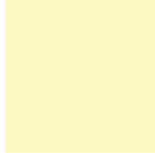
93.7206, 0.3138, 0.3204

Trichromacy



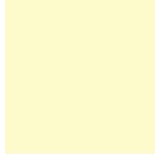
Original Color

93.8883, 0.3737, 0.4370



Protanomaly

93.8171, 0.3479, 0.3846



Deuteranomaly

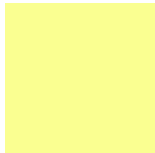
93.6135, 0.3425, 0.3746



Tritanomaly

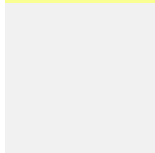
93.4890, 0.3365, 0.3636

Monochromacy



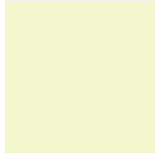
Original Color

93.8883, 0.3737, 0.4370



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.6009, 0.3358, 0.3696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8883, 0.3737, 0.4370 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(250, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 145)  
}
```

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(250, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 145) }
```

Border

The CSS property to change the border of an element to Yxy 93.8883, 0.3737, 0.4370 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(250, 255, 145) }
```

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

```
.border{ border-color:rgb(250, 255, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8883, 0.3737, 0.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 145) }
```

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

```
.background{ background-color: rgb(250,  
255, 145) }
```

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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