

Converting Colors

$Yxy(93.7037, 0.3773, 0.4332)$

Have a look what the booklet for
Yxy(93.7037, 0.3773, 0.4332)
contains.

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Color

Yxy(93.5859, 0.3774, 0.4331)

Conversions

Conversions Part 1

Format	Color
Hex	FFFD92
RGB	255, 253, 146
RGB Percent	100%, 99%, 57%
CMY	0.0000, 0.0078, 0.4276
CMYK	0.00, 0.01, 0.43, 0.00
HSL	59°, 100%, 79%
HSV	59°, 43%, 100%
XYZ	81.5500, 93.5859, 40.9479
YIQ	241.4000, 35.5390, -32.8530

Conversions

Conversions Part 2

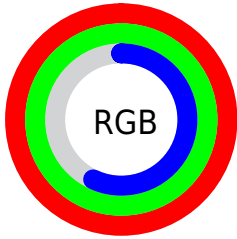
Format	Color
R _Y B	148, 255, 146
Decimal	16776594
CIE Lab	97.46, -13.96, 51.27
CIE LCh	97, 53.133, 105.230
Yxy	93.5859, 0.3774, 0.4331
Android (android.graphics.Color)	4294966674 (0xFFFFFD92)
YUV	241.4000, -47.0322, 11.9272
Hunter-Lab	96.7398, -18.8222, 42.6217

Details

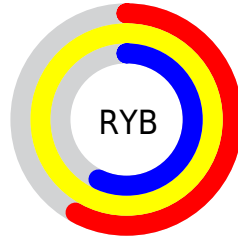
The Yxy color **93.5859, 0.3774, 0.4331** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **34.4945, 0.2325, 0.1981**, and the grayscale version is **88.6518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **52.5931, 0.3887, 0.4546** is the 20% darker color. If you saturate the color by 10%, you get **92.5907, 0.3907, 0.4543**, and if you desaturate by 10%, it is **94.7673, 0.3628, 0.4097**.

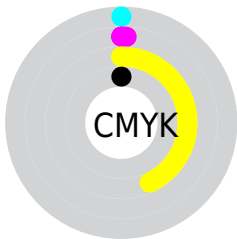
Distribution



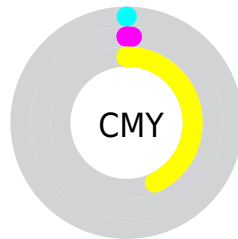
- Red (100%)
- Green (99%)
- Blue (57%)



- Red (58%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (1%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5859, 0.3774, 0.4331 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 93.5859, 0.3774, 0.4331 by changing the saturation by 10% instead.


 93.5859, 0.3774,
0.4331

 93.5859, 0.3774,
0.4331


539.6279, 0.3506,
0.3871

 70.9586, 0.3826,
0.4429


 152.3095, 0.3688,
0.4177

 52.3084, 0.3886,
0.4545


 189.1746, 0.3652,
0.4115

 37.2510, 0.3954,
0.4685


231.5544, 0.3621,
0.4061

 25.4019, 0.4031,
0.4855

279.8333, 0.3593,
0.4014

 16.3767, 0.4111,
0.5061

334.3957, 0.3568,
0.3972

 9.7911, 0.4184,
0.5310

395.6260, 0.3545,

 5.2607, 0.4297,

0.3935

0.5703

463.9086, 0.3525,
0.3901

■ 2.4010, 0.4119,
0.5881

■ 0.8264, 0.3499,
0.6501

■ 93.5859, 0.3774,
0.4331

■ 93.5859, 0.3774,
0.4331

■ 92.5907, 0.3907,
0.4543

■ 94.7673, 0.3628,
0.4097

■ 91.7570, 0.4021,
0.4722

■ 96.1329, 0.3474,
0.3851

■ 91.0757, 0.4112,
0.4862

■ 97.6969, 0.3319,
0.3601

■ 90.5313, 0.4175,
0.4958

■ 99.4686, 0.3168,
0.3356

■ 90.1052, 0.4212,
0.5010

99.9988, 0.3127,
0.3290

■ 89.8504, 0.4226,
0.5027

Harmonies

Analogous

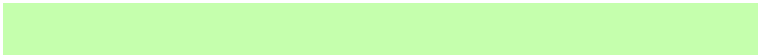
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5859, 0.4180, 0.4052



93.5859, 0.3774, 0.4331



93.5859, 0.3216, 0.4305

Triad

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



93.5859, 0.3774, 0.4331



93.5859, 0.2081, 0.2780



93.5859, 0.3549, 0.2767

Complementary

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



93.5859, 0.3774, 0.4331



34.4945, 0.2325, 0.1981

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.



93.5859, 0.2948, 0.2482



93.5859, 0.3774, 0.4331



93.5859, 0.2149, 0.2460

Square

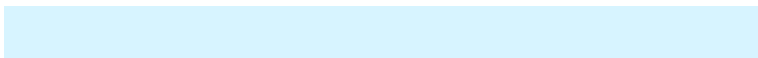
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.5859, 0.3774, 0.4331



93.5859, 0.2257, 0.3310



93.5859, 0.2449, 0.2368



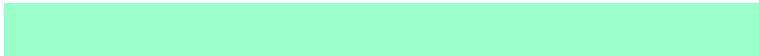
93.5859, 0.4064, 0.3171

Rectangle

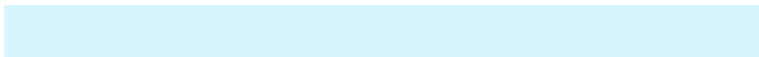
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.5859, 0.3774, 0.4331



93.5859, 0.2836, 0.4075



93.5859, 0.2449, 0.2368



93.5859, 0.3348, 0.2656

Sweetspot

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



93.5902, 0.3774, 0.4331



97.6617, 0.3323, 0.3607



43.9978, 0.4216, 0.3255



20.8262, 0.3357, 0.3662



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

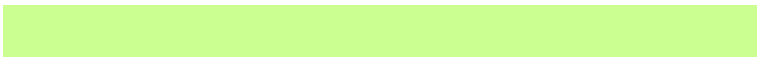
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5902, 0.3774, 0.4331



92.7591, 0.3885, 0.4508



86.4443, 0.3418, 0.4486



21.0306, 0.3270, 0.3521



46.9773, 0.4225, 0.5027



4.5914, 0.4221, 0.5030

Inverse Universe

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



34.4945, 0.2325, 0.1981



26.8367, 0.2147, 0.1688



39.6192, 0.2694, 0.2080



17.4306, 0.2978, 0.3049



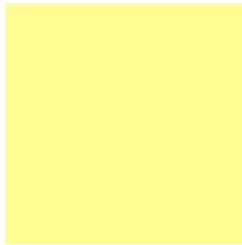
3.8481, 0.1503, 0.0611



0.3925, 0.1510, 0.0637

Previews

White Background



This preview shows how the Yxy color 93.5859, 0.3774, 0.4331 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 93.5859, 0.3774, 0.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

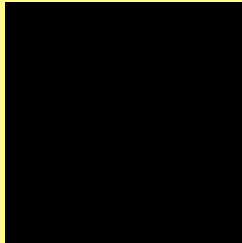
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.5859, 0.3774, 0.4331

Background



This preview shows how black text looks on a background with the Yxy color 93.5859, 0.3774, 0.4331.



This preview shows how white text looks on a background with the Yxy color 93.5859, 0.3774, 0.4331.

Color Blindness Simulation

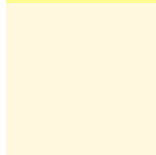
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



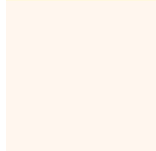
Original Color

93.5859, 0.3774, 0.4331



Protanopia

93.7225, 0.3324, 0.3535



Deuteranopia

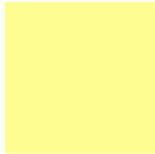
93.3446, 0.3234, 0.3368



Tritanopia

93.5931, 0.3150, 0.3223

Trichromacy



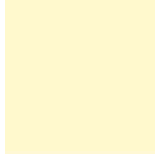
Original Color

93.5859, 0.3774, 0.4331



Protanomaly

93.5713, 0.3494, 0.3834



Deuteranomaly

93.4191, 0.3434, 0.3725



Tritanomaly

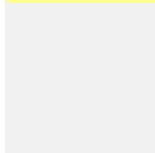
93.1989, 0.3386, 0.3635

Monochromacy



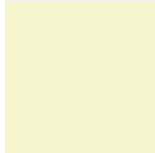
Original Color

93.5859, 0.3774, 0.4331



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3539, 0.3373, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5859, 0.3774, 0.4331 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, 253, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 146)  
}
```

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, 253, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 146) }
```

Border

The CSS property to change the border of an element to Yxy 93.5859, 0.3774, 0.4331 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, 253, 146) }
```

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

```
.border{ border-color:rgb(255, 253, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5859, 0.3774, 0.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 146) }
```

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

```
.background{ background-color: rgb(255,  
253, 146) }
```

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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