

Converting Colors

$Yxy(93.2959, 0.3772, 0.4322)$

Have a look what the booklet for
Yxy(93.2959, 0.3772, 0.4322)
contains.

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Color

Yxy(93.6171, 0.3768, 0.4322)

Conversions

Conversions Part 1

Format	Color
Hex	FFFD93
RGB	255, 253, 147
RGB Percent	100%, 99%, 58%
CMY	0.0002, 0.0078, 0.4235
CMYK	0.00, 0.01, 0.42, 0.00
HSL	59°, 100%, 79%
HSV	59°, 42%, 100%
XYZ	81.6171, 93.6171, 41.3717
YIQ	241.5140, 35.2180, -32.5420

Conversions

Conversions Part 2

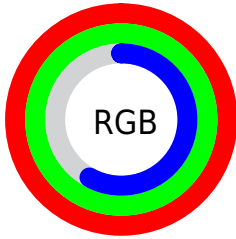
Format	Color
R _Y B	149, 255, 147
Decimal	16776595
CIE Lab	97.48, -13.88, 50.79
CIE LCh	97, 52.655, 105.286
Yxy	93.6171, 0.3768, 0.4322
Android (android.graphics.Color)	4294966675 (0xFFFFFD93)
YUV	241.5140, -46.5954, 11.8272
Hunter-Lab	96.7559, -18.7517, 42.3774

Details

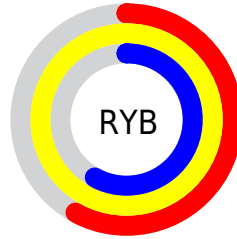
The Yxy color **93.6171, 0.3768, 0.4322** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **34.8914, 0.2334, 0.1996**, and the grayscale version is **88.7404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **52.6110, 0.3881, 0.4536** is the 20% darker color. If you saturate the color by 10%, you get **92.6211, 0.3902, 0.4535**, and if you desaturate by 10%, it is **94.7997, 0.3621, 0.4087**.

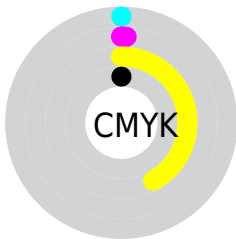
Distribution



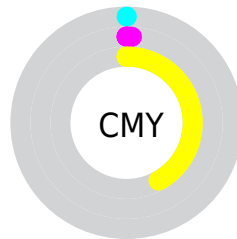
- Red (100%)
- Green (99%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6171, 0.3768, 0.4322 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 93.6171, 0.3768, 0.4322 by changing the saturation by 10% instead.

 93.6171, 0.3768,
0.4322

 93.6171, 0.3768,
0.4322


539.7282, 0.3502,
0.3865

 70.9845, 0.3820,
0.4419


 152.3527, 0.3683,
0.4169

 52.3296, 0.3880,
0.4534


 189.2245, 0.3647,
0.4108

 37.2678, 0.3948,
0.4674


231.6115, 0.3616,
0.4055

 25.4149, 0.4024,
0.4843

279.8981, 0.3588,
0.4008

 16.3865, 0.4105,
0.5049

334.4686, 0.3563,
0.3966

 9.7980, 0.4179,
0.5298


395.7076, 0.3541,


 5.2653, 0.4300,


0.3929


0.5700


463.9993, 0.3521,
0.3895

 2.4037, 0.4124,
0.5876


 0.8278, 0.3511,
0.6489


 93.6171, 0.3768,
0.4322


 93.6171, 0.3768,
0.4322

 92.6211, 0.3902,
0.4535


 94.7997, 0.3621,
0.4087


 91.7870, 0.4017,
0.4716

 96.1668, 0.3468,
0.3840

 91.1057, 0.4108,
0.4858

 97.7326, 0.3313,
0.3591

 90.5621, 0.4172,
0.4955

 99.5063, 0.3162,
0.3346

■ 90.1374, 0.4210,
0.5009

99.9899, 0.3127,
0.3290

■ 89.8716, 0.4225,
0.5027

Harmonies

Analogous

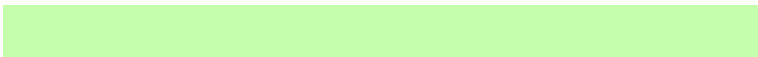
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6171, 0.4170, 0.4047



93.6171, 0.3768, 0.4322



93.6171, 0.3215, 0.4294

Triad

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



93.6171, 0.3768, 0.4322



93.6171, 0.2090, 0.2785



93.6171, 0.3547, 0.2772

Complementary

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



93.6171, 0.3768, 0.4322



34.8914, 0.2334, 0.1996

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.



93.6171, 0.2951, 0.2489



93.6171, 0.3768, 0.4322



93.6171, 0.2157, 0.2467

Square

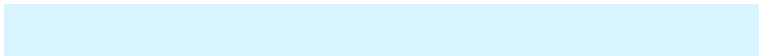
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.6171, 0.3768, 0.4322



93.6171, 0.2264, 0.3310



93.6171, 0.2456, 0.2375



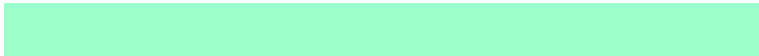
93.6171, 0.4056, 0.3173

Rectangle

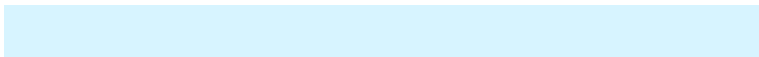
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.6171, 0.3768, 0.4322



93.6171, 0.2838, 0.4067



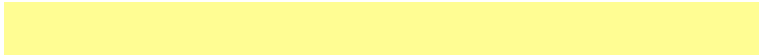
93.6171, 0.2456, 0.2375



93.6171, 0.3347, 0.2662

Sweetspot

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



93.6214, 0.3768, 0.4322



97.6695, 0.3323, 0.3607



44.3395, 0.4200, 0.3255



20.8282, 0.3357, 0.3662



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

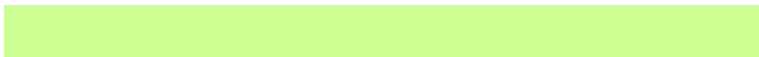
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6214, 0.3768, 0.4322



92.7894, 0.3885, 0.4508



86.5110, 0.3416, 0.4473



21.0319, 0.3270, 0.3521



47.0075, 0.4225, 0.5028



4.5940, 0.4221, 0.5031

Inverse Universe

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



34.8914, 0.2334, 0.1996



26.8242, 0.2147, 0.1688



40.0059, 0.2699, 0.2093



17.4296, 0.2978, 0.3048



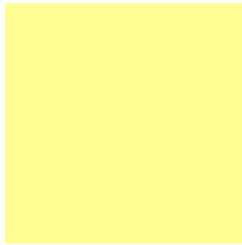
3.8466, 0.1503, 0.0611



0.3920, 0.1510, 0.0636

Previews

White Background



This preview shows how the Yxy color 93.6171, 0.3768, 0.4322 looks on a white background.

Color Contrast Check

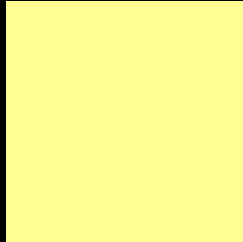
Large Text (above 18pt) WCAG AA × Fail

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 93.6171, 0.3768, 0.4322 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 93.6171, 0.3768, 0.4322

Background



This preview shows how black text looks on a background with the Yxy color 93.6171, 0.3768, 0.4322.



This preview shows how white text looks on a background with the Yxy color 93.6171, 0.3768, 0.4322.

Color Blindness Simulation

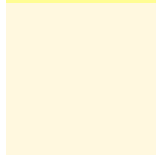
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



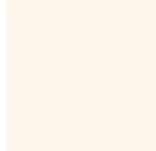
Original Color

93.6171, 0.3768, 0.4322



Protanopia

93.7225, 0.3324, 0.3535



Deuteranopia

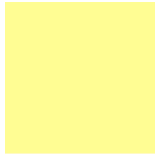
93.3446, 0.3234, 0.3368



Tritanopia

93.5931, 0.3150, 0.3223

Trichromacy



Original Color

93.6171, 0.3768, 0.4322



Protanomaly

93.5713, 0.3494, 0.3834



Deuteranomaly

93.4191, 0.3434, 0.3725



Tritanomaly

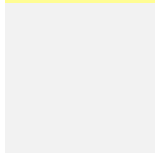
93.2498, 0.3380, 0.3625

Monochromacy



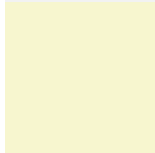
Original Color

93.6171, 0.3768, 0.4322



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1907, 0.3372, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6171, 0.3768, 0.4322 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 147) }
```

Border

The CSS property to change the border of an element to Yxy 93.6171, 0.3768, 0.4322 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, 147) }
```

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

```
.border{ border-color:rgb(255, 253, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6171, 0.3768, 0.4322 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
253, 147) }
```

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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