

Converting Colors

$Yxy(92.9446, 0.3692, 0.4372)$

Have a look what the booklet for
Yxy(92.9446, 0.3692, 0.4372)
contains.

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Color

Yxy(93.0078, 0.3697, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF92
RGB	245, 255, 146
RGB Percent	96%, 100%, 57%
CMY	0.0391, 0.0000, 0.4273
CMYK	0.04, 0.00, 0.43, 0.00
HSL	65°, 100%, 79%
HSV	65°, 43%, 100%
XYZ	78.6122, 93.0078, 41.0178
YIQ	239.5840, 29.0290, -36.0190

Conversions

Conversions Part 2

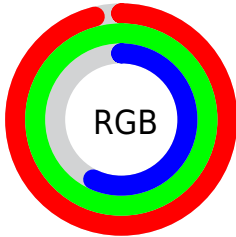
Format	Color
R_{YB}	146, 255, 156
Decimal	16121746
CIE _{Lab}	97.23, -18.72, 50.78
CIE _{LCh}	97, 54.123, 110.240
Yxy	93.0078, 0.3697, 0.4374
Android (android.graphics.Color)	4294311826 (0xFFFF5FF92)
YUV	239.5840, -46.1369, 4.7498
Hunter-Lab	96.4406, -23.2691, 42.2913

Details

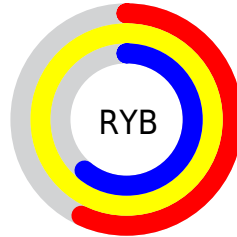
The Yxy color **93.0078, 0.3697, 0.4374** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **34.8594, 0.2389, 0.1980**, and the grayscale version is **87.1531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **51.7433, 0.3792, 0.4599** is the 20% darker color. If you saturate the color by 10%, you get **91.8873, 0.3810, 0.4604**, and if you desaturate by 10%, it is **94.3191, 0.3571, 0.4125**.

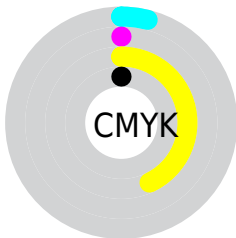
Distribution



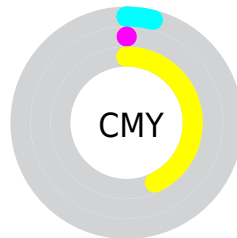
- Red (96%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0078, 0.3697, 0.4374 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 93.0078, 0.3697, 0.4374 by changing the saturation by 10% instead.


 93.0078, 0.3697,
0.4374

 93.0078, 0.3697,
0.4374


537.7673, 0.3464,
0.3889

 70.4780, 0.3742,
0.4478


 151.5094, 0.3623,
0.4210

 51.9163, 0.3792,
0.4603


 188.2500, 0.3592,
0.4145

 36.9384, 0.3848,
0.4755


230.4963, 0.3565,
0.4089

 25.1598, 0.3909,
0.4941

278.6327, 0.3540,
0.4039

 16.1961, 0.3970,
0.5171

333.0436, 0.3518,
0.3995

 9.6630, 0.4016,
0.5455


394.1134, 0.3499,

 5.1761, 0.4089,

0.3956

0.5911

462.2265, 0.3481,
0.3920


 2.3510, 0.3844,
0.6156


 0.8005, 0.2751,
0.7249


 93.0078, 0.3697,
0.4374


 93.0078, 0.3697,
0.4374

 91.8873, 0.3810,
0.4604


 94.3191, 0.3571,
0.4125


 90.9329, 0.3903,
0.4803

 95.8192, 0.3436,
0.3866

 90.1355, 0.3972,
0.4964

 97.5224, 0.3299,
0.3608

 89.4796, 0.4015,
0.5081

 99.4380, 0.3163,
0.3357

■ 88.9465, 0.4031,
0.5152

99.9992, 0.3127,
0.3290

■ 88.6161, 0.4030,
0.5182

Harmonies

Analogous

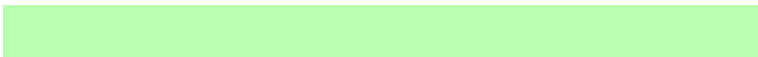
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0078, 0.4148, 0.4127



93.0078, 0.3697, 0.4374



93.0078, 0.3117, 0.4285

Triad

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



93.0078, 0.3697, 0.4374



93.0078, 0.2057, 0.2698



93.0078, 0.3658, 0.2819

Complementary

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



93.0078, 0.3697, 0.4374



34.8594, 0.2389, 0.1980

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.



93.0078, 0.3044, 0.2505



93.0078, 0.3697, 0.4374



93.0078, 0.2166, 0.2412

Square

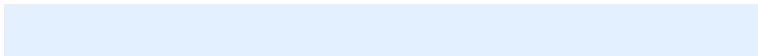
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.0078, 0.3697, 0.4374



93.0078, 0.2193, 0.3209



93.0078, 0.2508, 0.2357



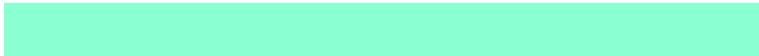
93.0078, 0.4148, 0.3243

Rectangle

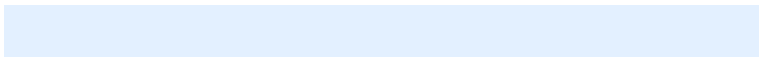
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.0078, 0.3697, 0.4374



93.0078, 0.2739, 0.4011



93.0078, 0.2508, 0.2357



93.0078, 0.3456, 0.2699

Sweetspot

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



93.0120, 0.3697, 0.4374



97.4747, 0.3303, 0.3615



46.8187, 0.4210, 0.3388



20.7796, 0.3333, 0.3671



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

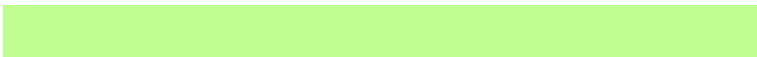
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0120, 0.3697, 0.4374



92.0703, 0.3791, 0.4566



84.7291, 0.3335, 0.4518



21.0012, 0.3255, 0.3526



46.3392, 0.4033, 0.5180



4.5356, 0.4053, 0.5164

Inverse Universe

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



34.8594, 0.2389, 0.1980



27.1810, 0.2218, 0.1690



41.4326, 0.2797, 0.2114



17.4573, 0.2993, 0.3045



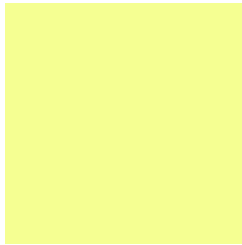
3.8966, 0.1529, 0.0616



0.4050, 0.1590, 0.0649

Previews

White Background



This preview shows how the Yxy color 93.0078, 0.3697, 0.4374 looks on a white background.

Color Contrast Check

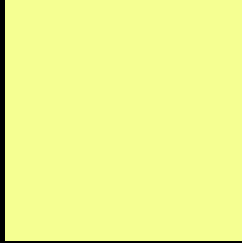
Large Text (above 18pt) WCAG AA × Fail

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 93.0078, 0.3697, 0.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

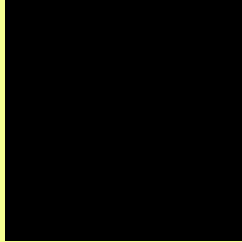
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.0078, 0.3697, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 93.0078, 0.3697, 0.4374.



This preview shows how white text looks on a background with the Yxy color 93.0078, 0.3697, 0.4374.

Color Blindness Simulation

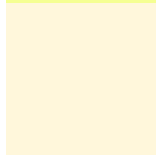
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



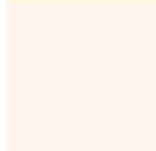
Original Color

93.0078, 0.3697, 0.4374



Protanopia

92.8960, 0.3350, 0.3566



Deuteranopia

92.6209, 0.3247, 0.3378



Tritanopia

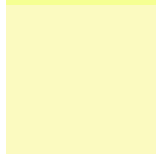
92.9922, 0.3126, 0.3185

Trichromacy



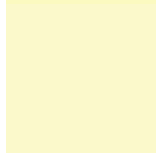
Original Color

93.0078, 0.3697, 0.4374



Protanomaly

92.6862, 0.3485, 0.3870



Deuteranomaly

92.5724, 0.3420, 0.3749



Tritanomaly

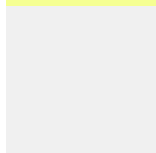
92.5503, 0.3347, 0.3618

Monochromacy



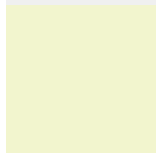
Original Color

93.0078, 0.3697, 0.4374



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.6383, 0.3346, 0.3688

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0078, 0.3697, 0.4374 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(245, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 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(245, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 146) }
```

Border

The CSS property to change the border of an element to Yxy 93.0078, 0.3697, 0.4374 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(245, 255, 146) }
```

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

```
.border{ border-color:rgb(245, 255, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0078, 0.3697, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 146) }
```

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

```
.background{ background-color: rgb(245,  
255, 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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