

Converting Colors

$Y_{xy}(94.6857, 0.3645, 0.4341)$

Have a look what the booklet for
Yxy(94.6857, 0.3645, 0.4341)
contains.

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Color

Yxy(93.0201, 0.3658, 0.4321)

Conversions

Conversions Part 1

Format	Color
Hex	F4FF98
RGB	244, 255, 152
RGB Percent	96%, 100%, 60%
CMY	0.0430, 0.0000, 0.4039
CMYK	0.04, 0.00, 0.40, 0.00
HSL	66°, 100%, 80%
HSV	66°, 40%, 100%
XYZ	78.7474, 93.0201, 43.5070
YIQ	239.9690, 26.5070, -34.3650

Conversions

Conversions Part 2

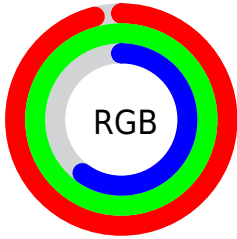
Format	Color
R_{YB}	152, 255, 163
Decimal	16056216
CIE _{Lab}	97.24, -18.48, 47.92
CIE _{LCh}	97, 51.363, 111.083
Yxy	93.0201, 0.3658, 0.4321
Android (android.graphics.Color)	4294246296 (0xFFFF4FF98)
YUV	239.9690, -43.3687, 3.5352
Hunter-Lab	96.4469, -23.0397, 40.7673

Details

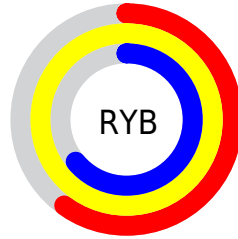
The Yxy color **93.0201, 0.3658, 0.4321** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.4552, 0.2447, 0.2066**, and the grayscale version is **87.4498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **51.7281, 0.3746, 0.4539** is the 20% darker color. If you saturate the color by 10%, you get **91.7953, 0.3772, 0.4559**, and if you desaturate by 10%, it is **94.4401, 0.3532, 0.4067**.

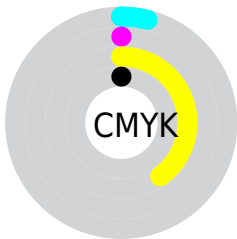
Distribution



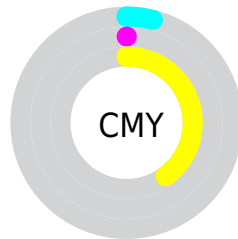
- Red (96%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0201, 0.3658, 0.4321 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 93.0201, 0.3658, 0.4321 by changing the saturation by 10% instead.


 93.0201, 0.3658,
0.4321

 93.0201, 0.3658,
0.4321


537.8069, 0.3440,
0.3858

 70.4882, 0.3700,
0.4421


 151.5264, 0.3588,
0.4164

 51.9246, 0.3748,
0.4542

 188.2697, 0.3559,
0.4102

 36.9450, 0.3803,
0.4689

230.5188, 0.3534,
0.4048

 25.1649, 0.3863,
0.4870

278.6583, 0.3511,
0.4001

 16.2000, 0.3925,
0.5098

333.0724, 0.3490,
0.3959

 9.6658, 0.3977,
0.5383

394.1456, 0.3472,

 5.1779, 0.4100,

0.3922

0.5900

462.2623, 0.3455,
0.3888

■ 2.3520, 0.3858,
0.6142

■ 0.8010, 0.2792,
0.7208

■ 93.0201, 0.3658,
0.4321

■ 93.0201, 0.3658,
0.4321

■ 91.7953, 0.3772,
0.4559

■ 94.4401, 0.3532,
0.4067

■ 90.7413, 0.3867,
0.4769

■ 96.0532, 0.3399,
0.3807

■ 89.8494, 0.3939,
0.4943

■ 97.8734, 0.3264,
0.3548

■ 89.1047, 0.3986,
0.5073

99.9099, 0.3132,
0.3300

■ 88.4893, 0.4006,
0.5158

99.9959, 0.3127,
0.3290

■ 87.9924, 0.4004,
0.5203

Harmonies

Analogous

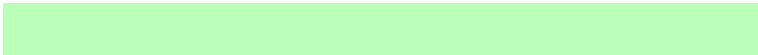
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0201, 0.4091, 0.4100



93.0201, 0.3658, 0.4321



93.0201, 0.3105, 0.4221

Triad

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



93.0201, 0.3658, 0.4321



93.0201, 0.2105, 0.2719



93.0201, 0.3647, 0.2852

Complementary

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



93.0201, 0.3658, 0.4321



37.4552, 0.2447, 0.2066

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.



93.0201, 0.3065, 0.2547



93.0201, 0.3658, 0.4321



93.0201, 0.2216, 0.2450

Square

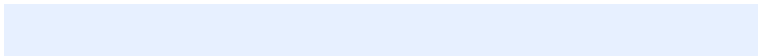
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.0201, 0.3658, 0.4321



93.0201, 0.2231, 0.3200



93.0201, 0.2550, 0.2400



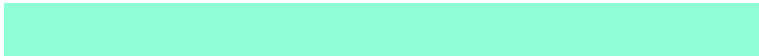
93.0201, 0.4105, 0.3261

Rectangle

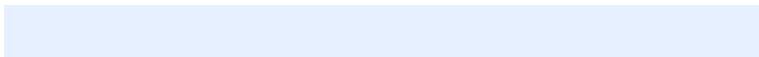
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.0201, 0.3658, 0.4321



93.0201, 0.2746, 0.3957



93.0201, 0.2550, 0.2400



93.0201, 0.3457, 0.2736

Sweetspot

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



93.0243, 0.3658, 0.4321



97.5720, 0.3286, 0.3590



49.4706, 0.4117, 0.3401



20.8319, 0.3304, 0.3623



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

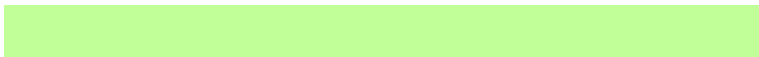
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0243, 0.3658, 0.4321



92.0782, 0.3746, 0.4504



85.1459, 0.3316, 0.4448



20.9869, 0.3253, 0.3526



46.0202, 0.4007, 0.5200



4.5078, 0.4030, 0.5182

Inverse Universe

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



37.4552, 0.2447, 0.2066



29.9609, 0.2292, 0.1799



43.9400, 0.2834, 0.2186



17.4701, 0.2995, 0.3045



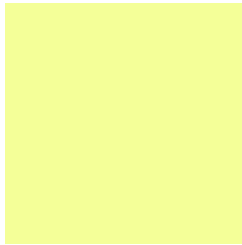
3.9248, 0.1536, 0.0620



0.4110, 0.1604, 0.0657

Previews

White Background



This preview shows how the Yxy color 93.0201, 0.3658, 0.4321 looks on a white background.

Color Contrast Check

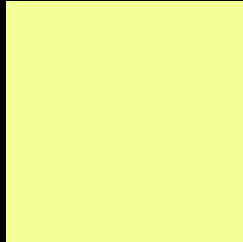
Large Text (above 18pt) WCAG AA × Fail

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 93.0201, 0.3658, 0.4321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

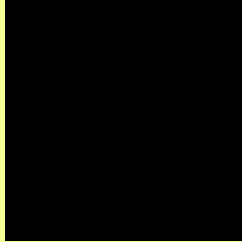
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.0201, 0.3658, 0.4321

Background



This preview shows how black text looks on a background with the Yxy color 93.0201, 0.3658, 0.4321.

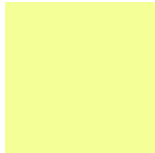


This preview shows how white text looks on a background with the Yxy color 93.0201, 0.3658, 0.4321.

Color Blindness Simulation

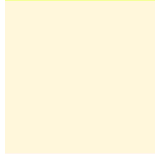
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



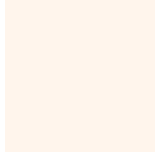
Original Color

93.0201, 0.3658, 0.4321



Protanopia

92.8960, 0.3350, 0.3566



Deuteranopia

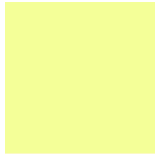
92.6209, 0.3247, 0.3378



Tritanopia

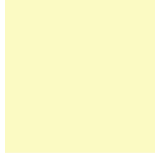
92.8040, 0.3119, 0.3184

Trichromacy



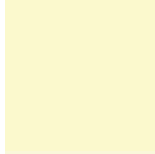
Original Color

93.0201, 0.3658, 0.4321



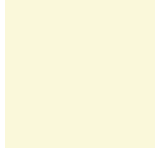
Protanomaly

92.8206, 0.3467, 0.3839



Deuteranomaly

92.6684, 0.3407, 0.3729



Tritanomaly

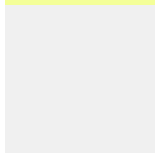
92.5208, 0.3322, 0.3588

Monochromacy



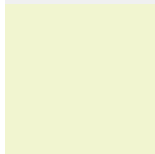
Original Color

93.0201, 0.3658, 0.4321



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5597, 0.3327, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0201, 0.3658, 0.4321 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(244, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 152)  
}
```

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(244, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 152) }
```

Border

The CSS property to change the border of an element to Yxy 93.0201, 0.3658, 0.4321 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(244, 255, 152) }
```

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

```
.border{ border-color:rgb(244, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0201, 0.3658, 0.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 152) }
```

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

```
.background{ background-color: rgb(244,  
255, 152) }
```

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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