

Converting Colors

$Y_{xy}(92.8959, 0.3577, 0.4223)$

Have a look what the booklet for
Yxy(92.8959, 0.3577, 0.4223)
contains.

Yxy(92.8651, 0.3576, 0.4222)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.8651, 0.3576, 0.4222)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFA3
RGB	241, 255, 163
RGB Percent	95%, 100%, 64%
CMY	0.0548, 0.0000, 0.3607
CMYK	0.05, 0.00, 0.36, 0.00
HSL	69°, 100%, 82%
HSV	69°, 36%, 100%
XYZ	78.6560, 92.8651, 48.4341
YIQ	240.3260, 21.1880, -31.5800

Conversions

Conversions Part 2

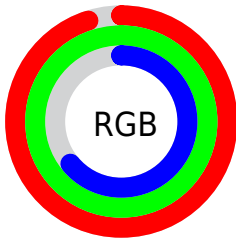
Format	Color
RYB	163, 255, 177
Decimal	15859619
CIELab	97.17, -18.39, 42.45
CIElCh	97, 46.264, 113.418
Yxy	92.8651, 0.3576, 0.4222
Android (android.graphics.Color)	4294049699 (0xFFFF1FFA3)
YUV	240.3260, -38.1217, 0.5911
Hunter-Lab	96.3665, -22.9467, 37.6572

Details

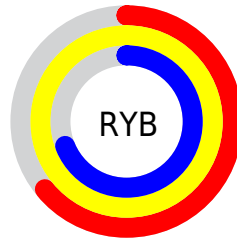
The Yxy color **92.8651, 0.3576, 0.4222** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.7627, 0.2562, 0.2224**, and the grayscale version is **87.7055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **51.7043, 0.3657, 0.4421** is the 20% darker color. If you saturate the color by 10%, you get **91.3713, 0.3687, 0.4475**, and if you desaturate by 10%, it is **94.5660, 0.3455, 0.3959**.

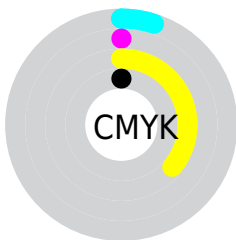
Distribution



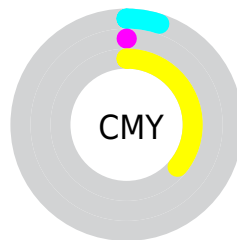
- Red (95%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8651, 0.3576, 0.4222 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 92.8651, 0.3576, 0.4222 by changing the saturation by 10% instead.


 92.8651, 0.3576,
0.4222


 92.8651, 0.3576,
0.4222


537.3075, 0.3390,
0.3801

 70.3594, 0.3613,
0.4314


 151.3118, 0.3516,
0.4079

 51.8196, 0.3655,
0.4426


 188.0216, 0.3491,
0.4022

 36.8613, 0.3703,
0.4563


230.2349, 0.3470,
0.3973

 25.1001, 0.3759,
0.4735

278.3361, 0.3450,
0.3930

 16.1517, 0.3819,
0.4955

332.7096, 0.3433,
0.3892

 9.6315, 0.3876,
0.5241

393.7397, 0.3417,

 5.1553, 0.3963,

0.3858

0.5697

461.8109, 0.3403,
0.3828

■ 2.3387, 0.3861,
0.6139

■ 0.7941, 0.2781,
0.7219

■ 92.8651, 0.3576,
0.4222

■ 92.8651, 0.3576,
0.4222

■ 91.3713, 0.3687,
0.4475

■ 94.5660, 0.3455,
0.3959

■ 90.0609, 0.3783,
0.4707

■ 96.4717, 0.3329,
0.3696

■ 88.9256, 0.3857,
0.4907

■ 98.5961, 0.3202,
0.3440

■ 87.9513, 0.3907,
0.5066

99.9976, 0.3127,
0.3290

■ 87.1216, 0.3930,
0.5180

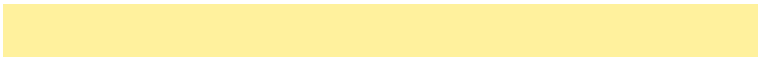
■ 86.4161, 0.3928,
0.5249

■ 86.1611, 0.3923,
0.5267

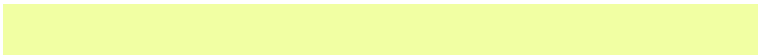
Harmonies

Analogous

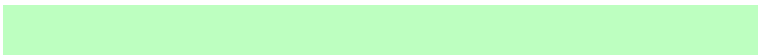
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8651, 0.3978, 0.4051



92.8651, 0.3576, 0.4222



92.8651, 0.3073, 0.4100

Triad

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



92.8651, 0.3576, 0.4222



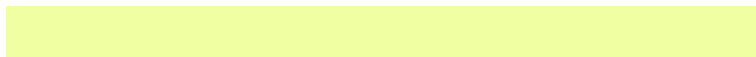
92.8651, 0.2196, 0.2751



92.8651, 0.3635, 0.2919

Complementary

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



92.8651, 0.3576, 0.4222



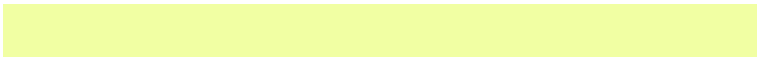
42.7627, 0.2562, 0.2224

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.



92.8651, 0.3115, 0.2629



92.8651, 0.3576, 0.4222



92.8651, 0.2315, 0.2517

Square

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



92.8651, 0.3576, 0.4222



92.8651, 0.2296, 0.3175



92.8651, 0.2637, 0.2483



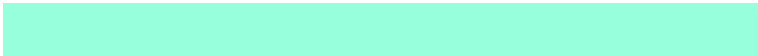
92.8651, 0.4029, 0.3300

Rectangle

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



92.8651, 0.3576, 0.4222



92.8651, 0.2750, 0.3851



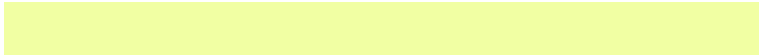
92.8651, 0.2637, 0.2483



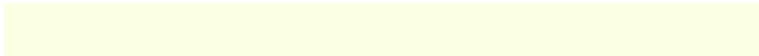
92.8651, 0.3467, 0.2810

Sweetspot

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



92.8693, 0.3576, 0.4222



97.5247, 0.3264, 0.3565



55.2734, 0.3952, 0.3438



20.8131, 0.3282, 0.3600



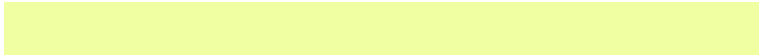
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

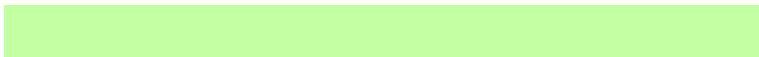
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8693, 0.3576, 0.4222



91.8142, 0.3654, 0.4399



85.7920, 0.3271, 0.4322



20.9429, 0.3245, 0.3526



45.0754, 0.3927, 0.5264



4.4250, 0.3959, 0.5238

Inverse Universe

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



42.7627, 0.2562, 0.2224



35.2586, 0.2429, 0.1986



49.0752, 0.2910, 0.2321



17.5100, 0.3002, 0.3046



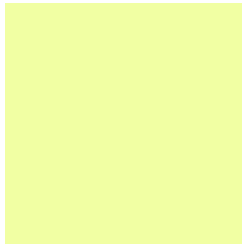
4.0342, 0.1561, 0.0634



0.4298, 0.1647, 0.0681

Previews

White Background



This preview shows how the Yxy color 92.8651, 0.3576, 0.4222 looks on a white background.

Color Contrast Check

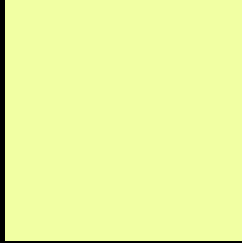
Large Text (above 18pt) WCAG AA × Fail

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 92.8651, 0.3576, 0.4222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

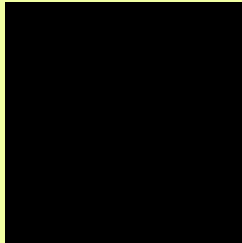
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8651, 0.3576, 0.4222

Background



This preview shows how black text looks on a background with the Yxy color 92.8651, 0.3576, 0.4222.

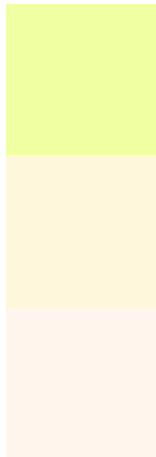


This preview shows how white text looks on a background with the Yxy color 92.8651, 0.3576, 0.4222.

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

92.8651, 0.3576, 0.4222

Protanopia

92.8960, 0.3350, 0.3566

Deuteranopia

92.6209, 0.3247, 0.3378



Tritanopia

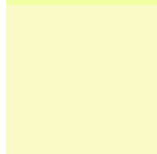
92.8488, 0.3100, 0.3193

Trichromacy



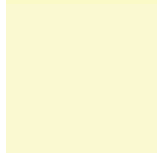
Original Color

92.8651, 0.3576, 0.4222



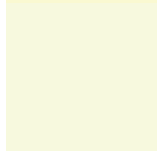
Protanomaly

92.8187, 0.3436, 0.3800



Deuteranomaly

92.6788, 0.3376, 0.3689



Tritanomaly

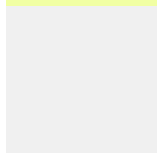
92.7994, 0.3276, 0.3559

Monochromacy



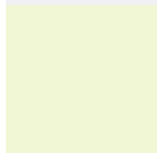
Original Color

92.8651, 0.3576, 0.4222



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5835, 0.3295, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8651, 0.3576, 0.4222 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(241, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 163)  
}
```

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(241, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 163) }
```

Border

The CSS property to change the border of an element to Yxy 92.8651, 0.3576, 0.4222 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(241, 255, 163) }
```

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

```
.border{ border-color:rgb(241, 255, 163) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8651, 0.3576, 0.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 163) }
```

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

```
.background{ background-color: rgb(241,  
255, 163) }
```

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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