

Converting Colors

$Yxy(94.0620, 0.3887, 0.4555)$

Have a look what the booklet for
Yxy(94.0620, 0.3887, 0.4555)
contains.

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Color

Yxy(93.9713, 0.3886, 0.4560)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF79
RGB	254, 255, 121
RGB Percent	100%, 100%, 47%
CMY	0.0040, 0.0000, 0.5253
CMYK	0.00, 0.00, 0.53, 0.00
HSL	60°, 100%, 74%
HSV	60°, 53%, 100%
XYZ	80.0817, 93.9713, 32.0244
YIQ	239.4250, 42.4180, -41.8860

Conversions

Conversions Part 2

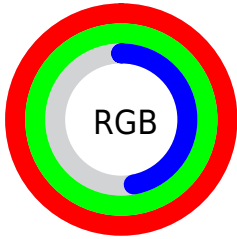
Format	Color
R _Y B	121, 255, 122
Decimal	16711545
CIE Lab	97.62, -17.50, 62.89
CIE LCh	98, 65.280, 105.547
Yxy	93.9713, 0.3886, 0.4560
Android (android.graphics.Color)	4294901625 (0xFFFEFF79)
YUV	239.4250, -58.3835, 12.7823
Hunter-Lab	96.9388, -22.1830, 48.2703

Details

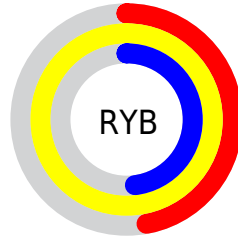
The Yxy color **93.9713, 0.3886, 0.4560** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **25.0524, 0.2115, 0.1609**, and the grayscale version is **87.1042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **52.3836, 0.4007, 0.4805** is the 20% darker color. If you saturate the color by 10%, you get **93.3869, 0.3995, 0.4744**, and if you desaturate by 10%, it is **94.7165, 0.3758, 0.4344**.

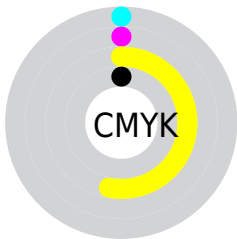
Distribution



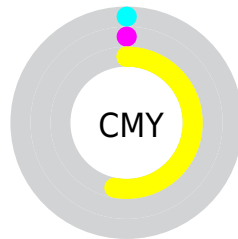
- Red (100%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9713, 0.3886, 0.4560 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 93.9713, 0.3886, 0.4560 by changing the saturation by 10% instead.

 93.9713, 0.3886,
0.4560


 93.9713, 0.3886,
0.4560


540.8664, 0.3583,
0.4005

 71.2791, 0.3941,
0.4674


 152.8426, 0.3792,
0.4377

 52.5700, 0.4001,
0.4808


 189.7906, 0.3752,
0.4303

 37.4596, 0.4065,
0.4966


 232.2592, 0.3717,
0.4237

 25.5635, 0.4129,
0.5150

280.6329, 0.3685,
0.4180

 16.4974, 0.4183,
0.5364

335.2961, 0.3655,
0.4129

 9.8768, 0.4254,
0.5667


396.6331, 0.3629,


 5.3174, 0.4149,


0.4083


0.5851


465.0285, 0.3605,
0.4042


 2.4346, 0.3925,
0.6075


 0.8436, 0.3076,
0.6924


 93.9713, 0.3886,
0.4560


 93.9713, 0.3886,
0.4560

 93.3869, 0.3995,
0.4744

 94.7165, 0.3758,
0.4344


 92.9569, 0.4079,
0.4887


 95.6413, 0.3615,
0.4106

 92.6635, 0.4137,
0.4987

 96.7540, 0.3466,
0.3855

 92.4881, 0.4169,
0.5043

 98.0648, 0.3314,
0.3601

 92.4136, 0.4180,
0.5063

 99.5828, 0.3164,
0.3352

100.0000, 0.3127,
0.3290

Harmonies

Analogous

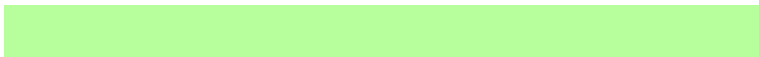
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9713, 0.4393, 0.4190



93.9713, 0.3886, 0.4560



93.9713, 0.3208, 0.4556

Triad

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



93.9713, 0.3886, 0.4560



93.9713, 0.1877, 0.2650



93.9713, 0.3646, 0.2665

Complementary

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



93.9713, 0.3886, 0.4560



25.0524, 0.2115, 0.1609

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.



93.9713, 0.2909, 0.2330



93.9713, 0.3886, 0.4560



93.9713, 0.1961, 0.2284

Square

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



93.9713, 0.3886, 0.4560



93.9713, 0.2072, 0.3293



93.9713, 0.2313, 0.2190



93.9713, 0.4284, 0.3137

Rectangle

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



93.9713, 0.3886, 0.4560



93.9713, 0.2753, 0.4269



93.9713, 0.2313, 0.2190



93.9713, 0.3397, 0.2535

Sweetspot

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



93.9690, 0.3886, 0.4560



97.5864, 0.3366, 0.3689



36.3310, 0.4674, 0.3295



20.8293, 0.3398, 0.3741



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

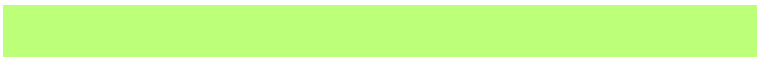
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9690, 0.3886, 0.4560



93.3632, 0.3999, 0.4751



83.5970, 0.3433, 0.4787



21.0833, 0.3268, 0.3525



48.2914, 0.4180, 0.5063



4.7042, 0.4182, 0.5062

Inverse Universe

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



25.0524, 0.2115, 0.1609



17.7515, 0.1902, 0.1257



31.6042, 0.2600, 0.1800



17.3844, 0.2980, 0.3044



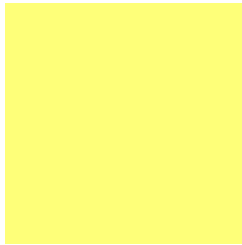
3.7820, 0.1502, 0.0601



0.3705, 0.1508, 0.0604

Previews

White Background



This preview shows how the Yxy color 93.9713, 0.3886, 0.4560 looks on a white background.

Color Contrast Check

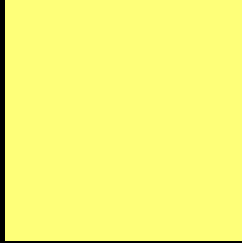
Large Text (above 18pt) WCAG AA × Fail

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 93.9713, 0.3886, 0.4560 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 93.9713, 0.3886, 0.4560

Background



This preview shows how black text looks on a background with the Yxy color 93.9713, 0.3886, 0.4560.



This preview shows how white text looks on a background with the Yxy color 93.9713, 0.3886, 0.4560.

Color Blindness Simulation

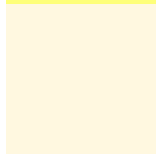
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



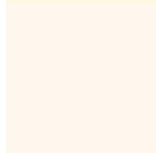
Original Color

93.9713, 0.3886, 0.4560



Protanopia

93.7766, 0.3318, 0.3525



Deuteranopia

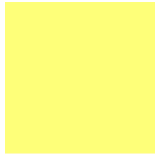
93.9546, 0.3233, 0.3378



Tritanopia

93.5931, 0.3150, 0.3223

Trichromacy



Original Color

93.9713, 0.3886, 0.4560



Protanomaly

93.8422, 0.3541, 0.3923



Deuteranomaly

93.5713, 0.3494, 0.3834



Tritanomaly

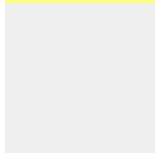
93.3710, 0.3441, 0.3735

Monochromacy



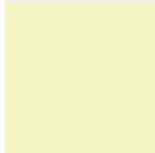
Original Color

93.9713, 0.3886, 0.4560



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.5234, 0.3422, 0.3790

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9713, 0.3886, 0.4560 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(254, 255, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 121)  
}
```

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(254, 255, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 121) }
```

Border

The CSS property to change the border of an element to Yxy 93.9713, 0.3886, 0.4560 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(254, 255, 121) }
```

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

```
.border{ border-color:rgb(254, 255, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9713, 0.3886, 0.4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 121) }
```

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

```
.background{ background-color: rgb(254,  
255, 121) }
```

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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