

Converting Colors

$Y_{xy}(100.0000, 0.4056, 0.4389)$

Have a look what the booklet for
Yxy(100.0000, 0.4056, 0.4389)
contains.

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Color

Yxy(93.7553, 0.3854, 0.4477)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE82
RGB	255, 254, 130
RGB Percent	100%, 100%, 51%
CMY	0.0000, 0.0039, 0.4903
CMYK	0.00, 0.00, 0.49, 0.00
HSL	60°, 100%, 75%
HSV	60°, 49%, 100%
XYZ	80.7087, 93.7553, 34.9514
YIQ	240.1630, 40.4000, -38.3520

Conversions

Conversions Part 2

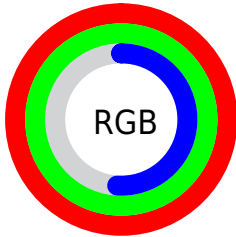
Format	Color
R_{YB}	131, 255, 130
Decimal	16776834
CIE _{Lab}	97.53, -15.89, 58.81
CIE _{LCh}	98, 60.916, 105.123
Yxy	93.7553, 0.3854, 0.4477
Android (android.graphics.Color)	4294966914 (0xFFFFFE82)
YUV	240.1630, -54.3104, 13.0120
Hunter-Lab	96.8273, -20.6623, 46.3774

Details

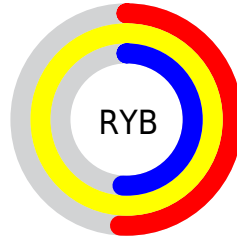
The Yxy color **93.7553, 0.3854, 0.4477** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.1859, 0.2187, 0.1743**, and the grayscale version is **87.6822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **52.1901, 0.3974, 0.4710** is the 20% darker color. If you saturate the color by 10%, you get **93.0299, 0.3973, 0.4671**, and if you desaturate by 10%, it is **94.6591, 0.3717, 0.4254**.

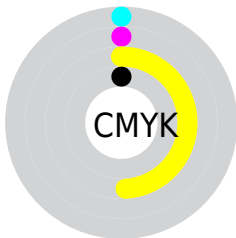
Distribution



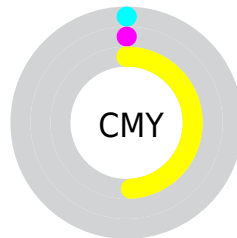
- Red (100%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.7553, 0.3854, 0.4477 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 93.7553, 0.3854, 0.4477 by changing the saturation by 10% instead.


 93.7553, 0.3854,
0.4477


 93.7553, 0.3854,
0.4477


540.1725, 0.3559,
0.3956


 71.0994, 0.3909,
0.4585


 152.5439, 0.3761,
0.4304

 52.4234, 0.3971,
0.4713

 189.4454, 0.3723,
0.4235

 37.3426, 0.4038,
0.4865


 231.8643, 0.3688,
0.4174

 25.4729, 0.4109,
0.5044

280.1848, 0.3657,
0.4120

 16.4297, 0.4175,
0.5256

334.7916, 0.3629,
0.4072

 9.8287, 0.4241,
0.5527


396.0688, 0.3603,


 5.2856, 0.4216,


0.4029


0.5784


464.4010, 0.3580,
0.3991


 2.4158, 0.4013,
0.5987

 0.8340, 0.3267,
0.6733

 93.7553, 0.3854,
0.4477


 93.7553, 0.3854,
0.4477


 93.0299, 0.3973,
0.4671


 94.6591, 0.3717,
0.4254


 92.4572, 0.4070,
0.4827

 95.7398, 0.3569,
0.4013

 92.0269, 0.4141,
0.4940

 97.0122, 0.3416,
0.3762

 91.7217, 0.4185,
0.5009

 98.4860, 0.3262,
0.3511

■ 91.5161, 0.4206,
0.5039

99.9994, 0.3127,
0.3290

■ 91.4983, 0.4207,
0.5041

Harmonies

Analogous

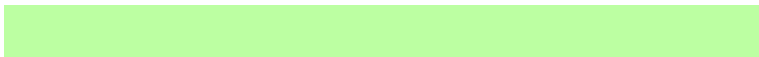
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7553, 0.4322, 0.4138



93.7553, 0.3854, 0.4477



93.7553, 0.3219, 0.4468

Triad

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



93.7553, 0.3854, 0.4477



93.7553, 0.1949, 0.2702



93.7553, 0.3605, 0.2697

Complementary

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



93.7553, 0.3854, 0.4477



28.1859, 0.2187, 0.1743

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.



93.7553, 0.2916, 0.2381



93.7553, 0.3854, 0.4477



93.7553, 0.2025, 0.2348

Square

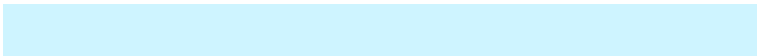
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.7553, 0.3854, 0.4477



93.7553, 0.2141, 0.3307



93.7553, 0.2356, 0.2252



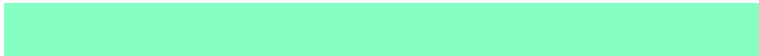
93.7553, 0.4200, 0.3144

Rectangle

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



93.7553, 0.3854, 0.4477



93.7553, 0.2790, 0.4205



93.7553, 0.2356, 0.2252



93.7553, 0.3372, 0.2574

Sweetspot

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



93.7596, 0.3854, 0.4477



97.5840, 0.3353, 0.3661



38.8852, 0.4493, 0.3273



20.8224, 0.3386, 0.3714



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

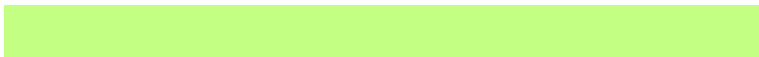
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7596, 0.3854, 0.4477



93.0344, 0.3973, 0.4670



84.6738, 0.3435, 0.4677



21.0646, 0.3269, 0.3523



47.8225, 0.4207, 0.5042



4.6640, 0.4205, 0.5043

Inverse Universe

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



28.1859, 0.2187, 0.1743



20.4504, 0.1977, 0.1397



34.1770, 0.2628, 0.1896



17.4007, 0.2978, 0.3046



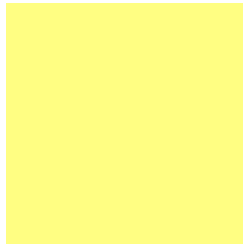
3.8054, 0.1501, 0.0605



0.3783, 0.1505, 0.0616

Previews

White Background



This preview shows how the Yxy color 93.7553, 0.3854, 0.4477 looks on a white background.

Color Contrast Check

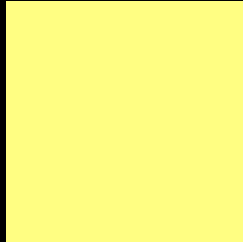
Large Text (above 18pt) WCAG AA × Fail

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 93.7553, 0.3854, 0.4477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

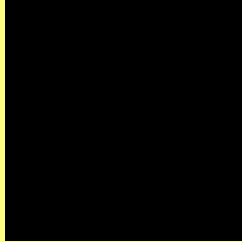
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.7553, 0.3854, 0.4477

Background



This preview shows how black text looks on a background with the Yxy color 93.7553, 0.3854, 0.4477.



This preview shows how white text looks on a background with the Yxy color 93.7553, 0.3854, 0.4477.

Color Blindness Simulation

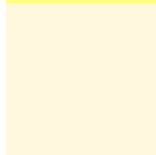
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



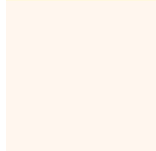
Original Color

93.7553, 0.3854, 0.4477



Protanopia

93.7225, 0.3324, 0.3535



Deuteranopia

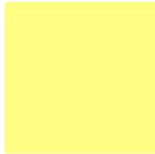
93.3446, 0.3234, 0.3368



Tritanopia

93.5299, 0.3156, 0.3232

Trichromacy



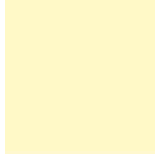
Original Color

93.7553, 0.3854, 0.4477



Protanomaly

93.3053, 0.3531, 0.3894



Deuteranomaly

93.1349, 0.3472, 0.3785



Tritanomaly

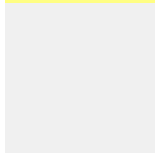
92.8998, 0.3424, 0.3695

Monochromacy



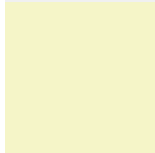
Original Color

93.7553, 0.3854, 0.4477



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.8874, 0.3404, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7553, 0.3854, 0.4477 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, 254, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 130)  
}
```

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, 254, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 130) }
```

Border

The CSS property to change the border of an element to Yxy 93.7553, 0.3854, 0.4477 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, 254, 130) }
```

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

```
.border{ border-color:rgb(255, 254, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7553, 0.3854, 0.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 130) }
```

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

```
.background{ background-color: rgb(255,  
254, 130) }
```

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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