

Converting Colors

$Yxy(93.6409, 0.3822, 0.4497)$

Have a look what the booklet for
Yxy(93.6409, 0.3822, 0.4497)
contains.

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Color

Yxy(93.6409, 0.3822, 0.4497)

Conversions

Conversions Part 1

Format	Color
Hex	FBFF82
RGB	251, 255, 130
RGB Percent	98%, 100%, 51%
CMY	0.0155, 0.0000, 0.4901
CMYK	0.02, 0.00, 0.49, 0.00
HSL	62°, 100%, 75%
HSV	62°, 49%, 100%
XYZ	79.5854, 93.6409, 35.0034
YIQ	239.5540, 37.7410, -39.7230

Conversions

Conversions Part 2

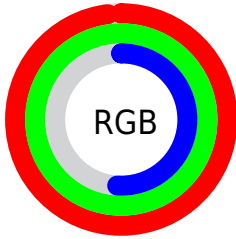
Format	Color
R _Y B	130, 255, 134
Decimal	16514946
CIE Lab	97.49, -17.90, 58.66
CIE LCh	97, 61.330, 106.970
Yxy	93.6409, 0.3822, 0.4497
Android (android.graphics.Color)	4294705026 (0xFFFBFF82)
YUV	239.5540, -54.0101, 10.0381
Hunter-Lab	96.7682, -22.5401, 46.2911

Details

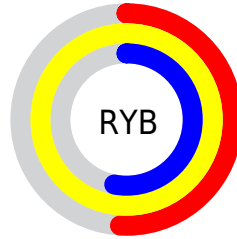
The Yxy color **93.6409, 0.3822, 0.4497** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.2546, 0.2210, 0.1741**, and the grayscale version is **87.1869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **52.1164, 0.3932, 0.4739** is the 20% darker color. If you saturate the color by 10%, you get **92.8937, 0.3934, 0.4698**, and if you desaturate by 10%, it is **94.5670, 0.3692, 0.4268**.

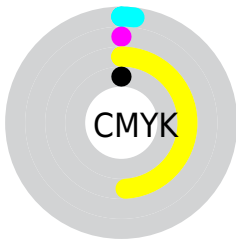
Distribution



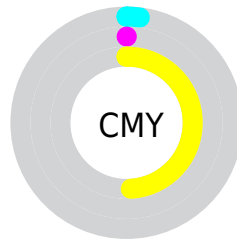
- Red (98%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.6409, 0.3822, 0.4497 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 93.6409, 0.3822, 0.4497 by changing the saturation by 10% instead.

 93.6409, 0.3822,
0.4497

 93.6409, 0.3822,
0.4497


539.8048, 0.3542,
0.3965


 71.0043, 0.3874,
0.4609


 152.3856, 0.3734,
0.4320

 52.3457, 0.3931,
0.4740


 189.2625, 0.3698,
0.4249

 37.2807, 0.3994,
0.4897


 231.6550, 0.3665,
0.4186

 25.4249, 0.4058,
0.5084

279.9475, 0.3635,
0.4131

 16.3939, 0.4117,
0.5306

334.5243, 0.3608,
0.4082

 9.8033, 0.4170,
0.5592

395.7698, 0.3584,

 5.2687, 0.4129,

0.4039

0.5871

464.0685, 0.3562,
0.4000

■ 2.4058, 0.3898,
0.6102

■ 0.8289, 0.2974,
0.7026

■ 93.6409, 0.3822,
0.4497

■ 93.6409, 0.3822,
0.4497

■ 92.8937, 0.3934,
0.4698

■ 94.5670, 0.3692,
0.4268

■ 92.2997, 0.4023,
0.4861

■ 95.6705, 0.3551,
0.4022

■ 91.8487, 0.4086,
0.4981

■ 96.9663, 0.3404,
0.3767

■ 91.5233, 0.4123,
0.5057

■ 98.4639, 0.3257,
0.3513

■ 91.2981, 0.4137,
0.5094

99.9957, 0.3127,
0.3290

■ 91.2781, 0.4137,
0.5097

Harmonies

Analogous

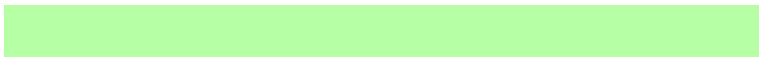
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6409, 0.4309, 0.4170



93.6409, 0.3822, 0.4497



93.6409, 0.3178, 0.4462

Triad

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



93.6409, 0.3822, 0.4497



93.6409, 0.1939, 0.2668



93.6409, 0.3650, 0.2718

Complementary

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



93.6409, 0.3822, 0.4497



28.2546, 0.2210, 0.1741

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.



93.6409, 0.2955, 0.2390



93.6409, 0.3822, 0.4497



93.6409, 0.2031, 0.2329

Square

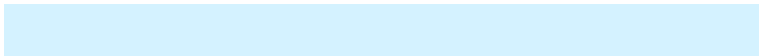
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.6409, 0.3822, 0.4497



93.6409, 0.2115, 0.3264



93.6409, 0.2379, 0.2247



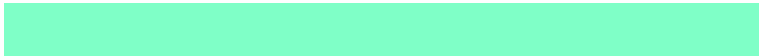
93.6409, 0.4236, 0.3173

Rectangle

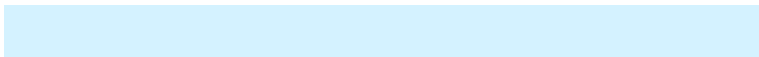
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.6409, 0.3822, 0.4497



93.6409, 0.2749, 0.4178



93.6409, 0.2379, 0.2247



93.6409, 0.3417, 0.2591

Sweetspot

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



93.6452, 0.3822, 0.4497



97.5482, 0.3345, 0.3664



39.4002, 0.4505, 0.3315



20.8137, 0.3376, 0.3718



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

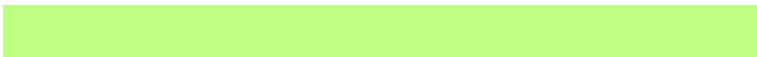
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6452, 0.3822, 0.4497



92.9001, 0.3934, 0.4697



84.1293, 0.3407, 0.4689



21.0598, 0.3264, 0.3525



47.7107, 0.4138, 0.5096



4.6543, 0.4145, 0.5091

Inverse Universe

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



28.2546, 0.2210, 0.1741



20.5023, 0.2001, 0.1395



34.7363, 0.2662, 0.1909



17.4051, 0.2983, 0.3044



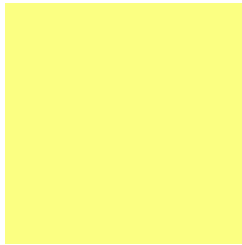
3.8116, 0.1509, 0.0605



0.3803, 0.1532, 0.0617

Previews

White Background



This preview shows how the Yxy color 93.6409, 0.3822, 0.4497 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 93.6409, 0.3822, 0.4497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

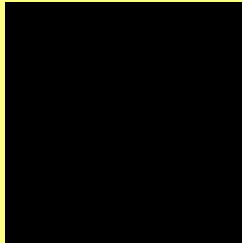
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.6409, 0.3822, 0.4497

Background



This preview shows how black text looks on a background with the Yxy color 93.6409, 0.3822, 0.4497.

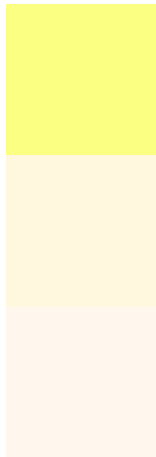


This preview shows how white text looks on a background with the Yxy color 93.6409, 0.3822, 0.4497.

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

93.6409, 0.3822, 0.4497

Protanopia

93.6687, 0.3330, 0.3545

Deuteranopia

93.2860, 0.3240, 0.3378



Tritanopia

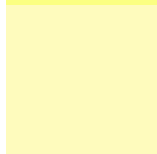
93.6567, 0.3144, 0.3213

Trichromacy



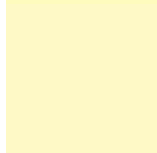
Original Color

93.6409, 0.3822, 0.4497



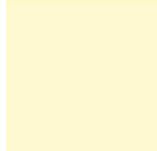
Protanomaly

93.7393, 0.3522, 0.3905



Deuteranomaly

92.8994, 0.3471, 0.3796



Tritanomaly

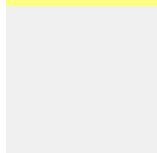
93.3763, 0.3409, 0.3696

Monochromacy



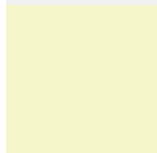
Original Color

93.6409, 0.3822, 0.4497



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.7080, 0.3397, 0.3749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6409, 0.3822, 0.4497 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(251, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 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(251, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 130) }
```

Border

The CSS property to change the border of an element to Yxy 93.6409, 0.3822, 0.4497 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(251, 255, 130) }
```

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

```
.border{ border-color:rgb(251, 255, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6409, 0.3822, 0.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 130) }
```

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

```
.background{ background-color: rgb(251,  
255, 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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