

Converting Colors

Yxy(113.6849, 0.4109, 0.3860)

Have a look what the booklet for
Yxy(113.6849, 0.4109, 0.3860)
contains.

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Color

Yxy(94.8880, 0.3566, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDB6
RGB	255, 253, 182
RGB Percent	100%, 99%, 71%
CMY	0.0001, 0.0078, 0.2861
CMYK	0.00, 0.01, 0.29, 0.00
HSL	58°, 100%, 86%
HSV	58°, 29%, 100%
XYZ	84.8047, 94.8880, 58.1219
YIQ	245.5040, 23.9830, -21.6570

Conversions

Conversions Part 2

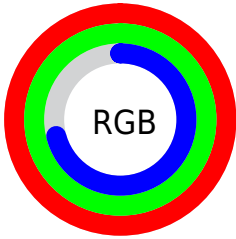
Format	Color
RYB	184, 255, 182
Decimal	16776630
CIELab	97.99, -9.98, 34.29
CIELCh	98, 35.715, 106.222
Yxy	94.8880, 0.3566, 0.3990
Android (android.graphics.Color)	4294966710 (0xFFFFFDB6)
YUV	245.5040, -31.3075, 8.3280
Hunter-Lab	97.4105, -15.0679, 32.8108

Details

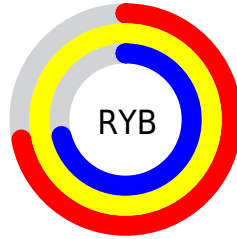
The Yxy color **94.8880, 0.3566, 0.3990** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.4499, 0.2625, 0.2479**, and the grayscale version is **91.9828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **52.9087, 0.3653, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **93.4997, 0.3717, 0.4229**, and if you desaturate by 10%, it is **96.4784, 0.3410, 0.3743**.

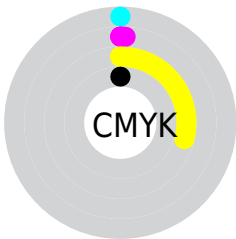
Distribution



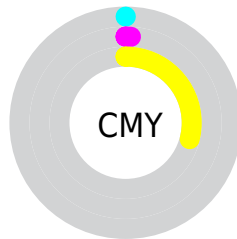
- Red (100%)
- Green (99%)
- Blue (71%)



- Red (72%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8880, 0.3566, 0.3990 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 94.8880, 0.3566, 0.3990 by changing the saturation by 10% instead.


 94.8880, 0.3566,
0.3990

 94.8880, 0.3566,
0.3990

543.8064, 0.3378,
0.3678

 72.0418, 0.3605,
0.4058


 154.1099, 0.3504,
0.3884

 53.1928, 0.3651,
0.4140

191.2543, 0.3479,
0.3843

 37.9567, 0.3707,
0.4241


233.9335, 0.3457,
0.3806

 25.9491, 0.3774,
0.4367

282.5320, 0.3438,
0.3774

 16.7856, 0.3855,
0.4530

337.4342, 0.3420,
0.3746

 10.0817, 0.3954,
0.4744

399.0243, 0.3405,

 5.4532, 0.4067,

0.3721

0.5032

467.6869, 0.3391,
0.3698

■ 2.5155, 0.4348,
0.5652

■ 0.8844, 0.4030,
0.5970

■ 94.8880, 0.3566,
0.3990

■ 94.8880, 0.3566,
0.3990

■ 93.4997, 0.3717,
0.4229

■ 96.4784, 0.3410,
0.3743

■ 92.2902, 0.3859,
0.4450

■ 98.2676, 0.3256,
0.3497

■ 91.2523, 0.3983,
0.4643

99.9950, 0.3127,
0.3290

■ 90.3734, 0.4086,
0.4799

■ 89.6390, 0.4163,
0.4913

■ 89.0319, 0.4213,
0.4982

■ 88.5278, 0.4239,
0.5011

■ 88.4611, 0.4242,
0.5014

Harmonies

Analogous

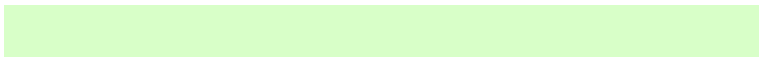
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8880, 0.3836, 0.3833



94.8880, 0.3566, 0.3990



94.8880, 0.3188, 0.3943

Triad

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



94.8880, 0.3566, 0.3990



94.8880, 0.2401, 0.2950



94.8880, 0.3428, 0.2939

Complementary

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



94.8880, 0.3566, 0.3990



51.4499, 0.2625, 0.2479

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.



94.8880, 0.3026, 0.2731



94.8880, 0.3566, 0.3990



94.8880, 0.2454, 0.2721

Square

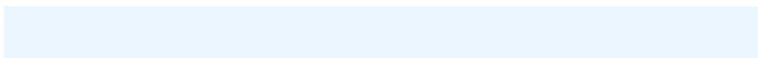
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.8880, 0.3566, 0.3990



94.8880, 0.2526, 0.3302



94.8880, 0.2675, 0.2650



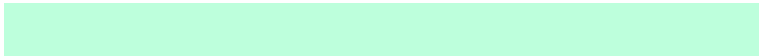
94.8880, 0.3760, 0.3231

Rectangle

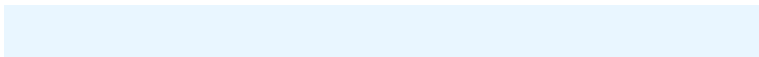
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.8880, 0.3566, 0.3990



94.8880, 0.2929, 0.3788



94.8880, 0.2675, 0.2650



94.8880, 0.3295, 0.2858

Sweetspot

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



94.8923, 0.3566, 0.3990



98.2158, 0.3262, 0.3506



58.2078, 0.3741, 0.3266



20.9640, 0.3284, 0.3542



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

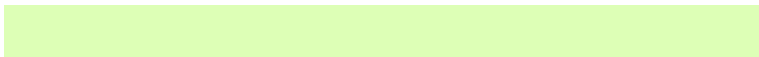
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8923, 0.3566, 0.3990



94.1395, 0.3649, 0.4121



90.2447, 0.3333, 0.4064



21.0019, 0.3270, 0.3519



46.2713, 0.4241, 0.5015



4.5307, 0.4235, 0.5019

Inverse Universe

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



51.4499, 0.2625, 0.2479



44.5648, 0.2514, 0.2298



55.3011, 0.2865, 0.2510



17.4560, 0.2978, 0.3051



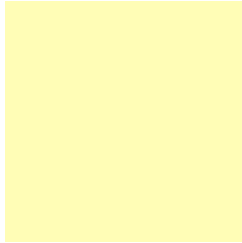
3.8843, 0.1505, 0.0616



0.4045, 0.1515, 0.0654

Previews

White Background



This preview shows how the Yxy color 94.8880, 0.3566, 0.3990 looks on a white background.

Color Contrast Check

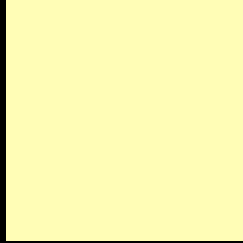
Large Text (above 18pt) WCAG AA × Fail

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 94.8880, 0.3566, 0.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

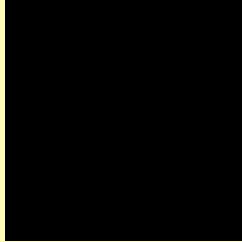
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.8880, 0.3566, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 94.8880, 0.3566, 0.3990.

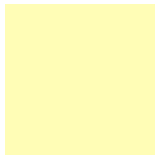


This preview shows how white text looks on a background with the Yxy color 94.8880, 0.3566, 0.3990.

Color Blindness Simulation

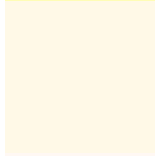
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



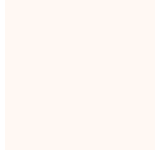
Original Color

94.8880, 0.3566, 0.3990



Protanopia

94.7809, 0.3274, 0.3466



Deuteranopia

94.8659, 0.3202, 0.3338



Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



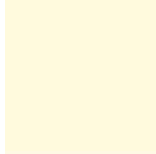
Original Color

94.8880, 0.3566, 0.3990



Protanomaly

94.4353, 0.3383, 0.3654



Deuteranomaly

94.8517, 0.3334, 0.3574



Tritanomaly

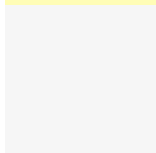
94.6128, 0.3292, 0.3495

Monochromacy



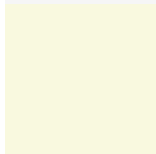
Original Color

94.8880, 0.3566, 0.3990



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.2188, 0.3283, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8880, 0.3566, 0.3990 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, 253, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 182)  
}
```

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, 253, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 182) }
```

Border

The CSS property to change the border of an element to Yxy 94.8880, 0.3566, 0.3990 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, 253, 182) }
```

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

```
.border{ border-color:rgb(255, 253, 182) }
```

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

Here you see how a box with a 4 pixel rgb(255, 253, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8880, 0.3566, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 182) }
```

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

```
.background{ background-color: rgb(255,  
253, 182) }
```

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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