

Converting Colors

Yxy(94.6868, 0.3602, 0.4050)

Have a look what the booklet for
Yxy(94.6868, 0.3602, 0.4050)
contains.

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Color

Yxy(94.6451, 0.3602, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDB0
RGB	255, 253, 176
RGB Percent	100%, 99%, 69%
CMY	0.0001, 0.0078, 0.3098
CMYK	0.00, 0.01, 0.31, 0.00
HSL	59°, 100%, 85%
HSV	59°, 31%, 100%
XYZ	84.1965, 94.6451, 54.9077
YIQ	244.8200, 25.9090, -23.5230

Conversions

Conversions Part 2

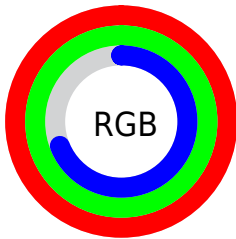
Format	Color
RYB	178, 255, 176
Decimal	16776624
CIELab	97.89, -10.71, 37.17
CIELCh	98, 38.685, 106.074
Yxy	94.6451, 0.3602, 0.4049
Android (android.graphics.Color)	4294966704 (0xFFFFFDB0)
YUV	244.8200, -33.9283, 8.9279
Hunter-Lab	97.2857, -15.7661, 34.6369

Details

The Yxy color **94.6451, 0.3602, 0.4049** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **48.2805, 0.2576, 0.2398**, and the grayscale version is **91.4216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **52.7802, 0.3689, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **93.3325, 0.3751, 0.4285**, and if you desaturate by 10%, it is **96.1571, 0.3447, 0.3803**.

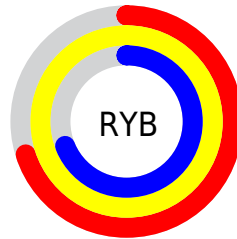
Distribution



Red (100%)

Green (99%)

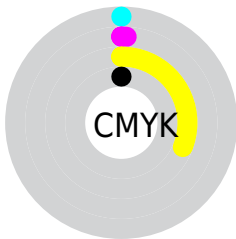
Blue (69%)



Red (70%)

Yellow (100%)

Blue (69%)

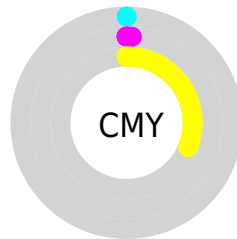


Cyan (0%)

Magenta (1%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6451, 0.3602, 0.4049 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 94.6451, 0.3602, 0.4049 by changing the saturation by 10% instead.

 94.6451, 0.3602,
0.4049

 94.6451, 0.3602,
0.4049


543.0282, 0.3400,
0.3711

 71.8396, 0.3644,
0.4122


 153.7742, 0.3535,
0.3935

 53.0277, 0.3693,
0.4211


190.8666, 0.3508,
0.3889

 37.8249, 0.3751,
0.4319


233.4902, 0.3485,
0.3850

 25.8468, 0.3822,
0.4455

282.0292, 0.3464,
0.3815

 16.7091, 0.3906,
0.4629

336.8681, 0.3445,
0.3785

 10.0273, 0.4005,
0.4854

398.3913, 0.3428,

 5.4170, 0.4116,

0.3757

0.5158

466.9832, 0.3413,
0.3733

■ 2.4940, 0.4306,
0.5694

■ 0.8736, 0.3944,
0.6056

■ 94.6451, 0.3602,
0.4049

■ 94.6451, 0.3602,
0.4049

■ 93.3325, 0.3751,
0.4285

■ 96.1571, 0.3447,
0.3803

■ 92.1960, 0.3889,
0.4500

■ 97.8655, 0.3292,
0.3555

■ 91.2280, 0.4008,
0.4686

■ 99.7838, 0.3141,
0.3313

■ 90.4155, 0.4105,
0.4832

■ 99.9961, 0.3127,
0.3290

■ 89.7435, 0.4175,
0.4936

■ 89.1940, 0.4218,
0.4995

■ 88.7777, 0.4238,
0.5017

Harmonies

Analogous

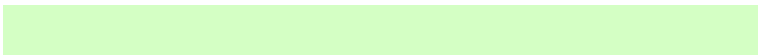
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6451, 0.3895, 0.3874



94.6451, 0.3602, 0.4049



94.6451, 0.3193, 0.4003

Triad

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



94.6451, 0.3602, 0.4049



94.6451, 0.2345, 0.2920



94.6451, 0.3450, 0.2910

Complementary

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



94.6451, 0.3602, 0.4049



48.2805, 0.2576, 0.2398

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.



94.6451, 0.3015, 0.2688



94.6451, 0.3602, 0.4049



94.6451, 0.2401, 0.2675

Square

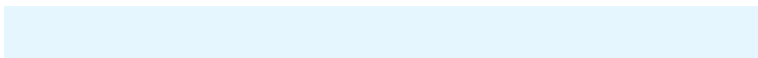
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.6451, 0.3602, 0.4049



94.6451, 0.2479, 0.3303



94.6451, 0.2637, 0.2600



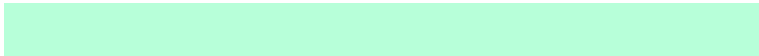
94.6451, 0.3812, 0.3222

Rectangle

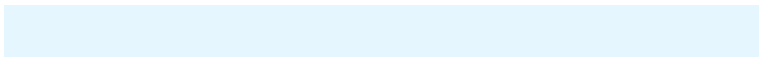
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.6451, 0.3602, 0.4049



94.6451, 0.2913, 0.3835



94.6451, 0.2637, 0.2600



94.6451, 0.3306, 0.2823

Sweetspot

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



94.6494, 0.3602, 0.4049



98.2448, 0.3262, 0.3507



55.5499, 0.3811, 0.3264



20.9712, 0.3284, 0.3542



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

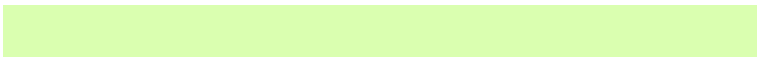
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6494, 0.3602, 0.4049



93.8505, 0.3693, 0.4193



89.5667, 0.3348, 0.4134



21.0085, 0.3270, 0.3519



46.4317, 0.4237, 0.5018



4.5445, 0.4232, 0.5022

Inverse Universe

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



48.2805, 0.2576, 0.2398



40.9552, 0.2450, 0.2192



52.3978, 0.2838, 0.2439



17.4502, 0.2978, 0.3050



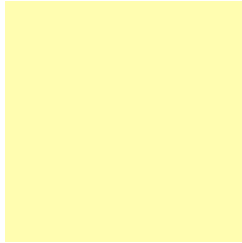
3.8760, 0.1504, 0.0615



0.4018, 0.1514, 0.0650

Previews

White Background



This preview shows how the Yxy color 94.6451, 0.3602, 0.4049 looks on a white background.

Color Contrast Check

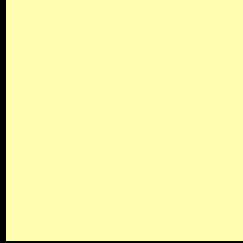
Large Text (above 18pt) WCAG AA × Fail

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 94.6451, 0.3602, 0.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

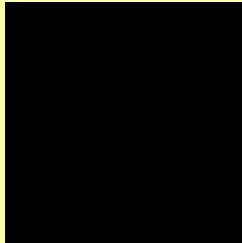
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.6451, 0.3602, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 94.6451, 0.3602, 0.4049.



This preview shows how white text looks on a background with the Yxy color 94.6451, 0.3602, 0.4049.

Color Blindness Simulation

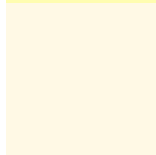
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



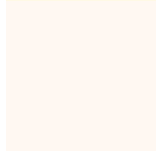
Original Color

94.6451, 0.3602, 0.4049



Protanopia

94.6685, 0.3286, 0.3485



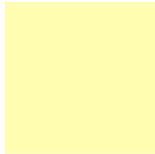
Deuteranopia

94.8056, 0.3208, 0.3348

Tritanopia

94.2634, 0.3143, 0.3223

Trichromacy



Original Color

94.6451, 0.3602, 0.4049



Protanomaly

94.2844, 0.3402, 0.3684



Deuteranomaly

94.6932, 0.3352, 0.3604



Tritanomaly

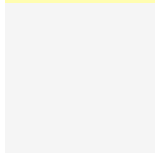
94.4476, 0.3311, 0.3525

Monochromacy



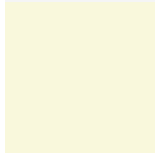
Original Color

94.6451, 0.3602, 0.4049



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.4418, 0.3303, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6451, 0.3602, 0.4049 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 176) }
```

Border

The CSS property to change the border of an element to Yxy 94.6451, 0.3602, 0.4049 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, 176) }
```

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

```
.border{ border-color:rgb(255, 253, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 253, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 253, 176); box-shadow:4px 4px 4px 4px rgb(255, 253, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6451, 0.3602, 0.4049 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
253, 176) }
```

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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