

Converting Colors

$Y_{xy}(100.0000, 0.3802, 0.3991)$

Have a look what the booklet for
Yxy(100.0000, 0.3802, 0.3991)
contains.

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Color

Yxy(94.0154, 0.3605, 0.4040)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFCB0 |
| RGB | 255, 252, 176 |
| RGB Percent | 100%, 99%, 69% |
| CMY | 0.0000, 0.0118, 0.3098 |
| CMYK | 0.00, 0.01, 0.31, 0.00 |
| HSL | 58°, 100%, 85% |
| HSV | 58°, 31%, 100% |
| XYZ | 83.8925, 94.0154, 54.8035 |
| YIQ | 244.2330, 26.1840, -23.0000 |

Conversions

Conversions Part 2

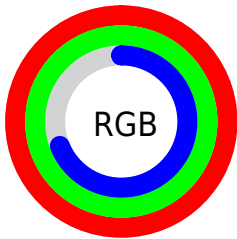
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 179, 255, 176 |
| Decimal | 16776368 |
| CIELab | 97.64, -10.20, 36.84 |
| CIELCh | 98, 38.223, 105.476 |
| Yxy | 94.0154, 0.3605, 0.4040 |
| Android (android.graphics.Color) | 4294966448 (0xFFFFFCB0) |
| YUV | 244.2330, -33.6389, 9.4427 |
| Hunter-Lab | 96.9615, -15.2420, 34.3618 |

Details

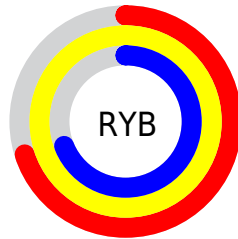
The Yxy color **94.0154, 0.3605, 0.4040** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **48.6954, 0.2578, 0.2410**, and the grayscale version is **90.9224, 0.3127, 0.3290**.

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 **92.4930, 0.3756, 0.4274**, and if you desaturate by 10%, it is **95.7320, 0.3449, 0.3796**.

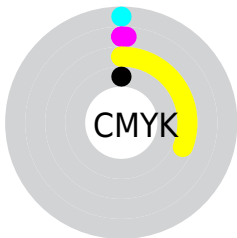
Distribution



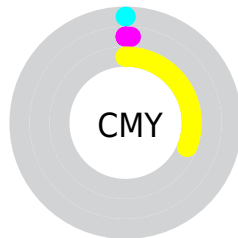
- Red (100%)
- Green (99%)
- Blue (69%)



- 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 94.0154, 0.3605, 0.4040 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 94.0154, 0.3605, 0.4040 by changing the saturation by 10% instead.


 94.0154, 0.3605,
0.4040

 94.0154, 0.3605,
0.4040


541.0081, 0.3401,
0.3706

 71.3158, 0.3647,
0.4113


 152.9036, 0.3538,
0.3927

 52.5999, 0.3697,
0.4200


189.8610, 0.3510,
0.3882

 37.4835, 0.3757,
0.4308


232.3398, 0.3487,
0.3843

 25.5821, 0.3828,
0.4442

280.7243, 0.3465,
0.3809

 16.5112, 0.3914,
0.4614

335.3990, 0.3447,
0.3779

 9.8866, 0.4016,
0.4837

396.7483, 0.3430,


 5.3239, 0.4132,


0.3752


0.5138


465.1565, 0.3415,
0.3727


 2.4385, 0.4330,
0.5670


 0.8456, 0.3961,
0.6039

 94.0154, 0.3605,
0.4040


 94.0154, 0.3605,
0.4040


 92.4930, 0.3756,
0.4274

 95.7320, 0.3449,
0.3796


 91.1519, 0.3896,
0.4487

 97.6504, 0.3293,
0.3552

 89.9812, 0.4019,
0.4671

 99.7804, 0.3142,
0.3313

 88.9677, 0.4119,
0.4817

 100.0000, 0.3127,
0.3290

■ 88.0965, 0.4193,
0.4919

■ 87.3496, 0.4240,
0.4977

■ 86.7568, 0.4262,
0.4998

Harmonies

Analogous

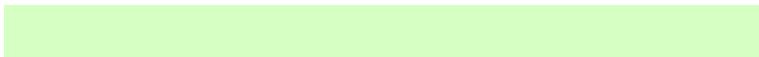
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0154, 0.3892, 0.3863



94.0154, 0.3605, 0.4040



94.0154, 0.3201, 0.3999

Triad

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



94.0154, 0.3605, 0.4040



94.0154, 0.2353, 0.2931



94.0154, 0.3438, 0.2908

Complementary

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



94.0154, 0.3605, 0.4040



48.6954, 0.2578, 0.2410

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.



94.0154, 0.3008, 0.2690



94.0154, 0.3605, 0.4040



94.0154, 0.2405, 0.2684

Square

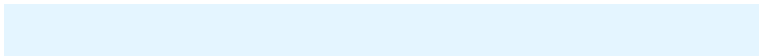
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0154, 0.3605, 0.4040



94.0154, 0.2490, 0.3312



94.0154, 0.2635, 0.2606



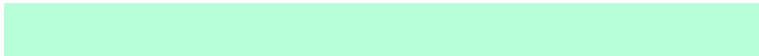
94.0154, 0.3800, 0.3217

Rectangle

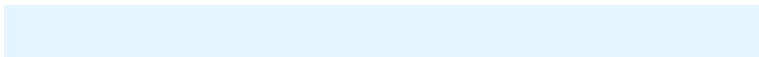
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0154, 0.3605, 0.4040



94.0154, 0.2923, 0.3835



94.0154, 0.2635, 0.2606



94.0154, 0.3296, 0.2823

Sweetspot

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



94.0162, 0.3605, 0.4040



98.0543, 0.3262, 0.3504



55.6083, 0.3800, 0.3251



20.9238, 0.3285, 0.3539



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

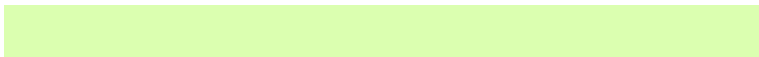
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0162, 0.3605, 0.4040



93.0763, 0.3697, 0.4183



89.7857, 0.3357, 0.4132



20.9654, 0.3270, 0.3516



45.3847, 0.4261, 0.4999



4.4544, 0.4253, 0.5005

Inverse Universe

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



48.6954, 0.2578, 0.2410



41.3950, 0.2452, 0.2207



52.2058, 0.2828, 0.2436



17.4882, 0.2978, 0.3053



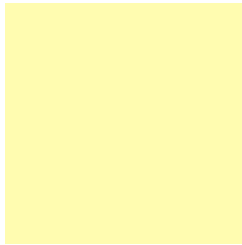
3.9303, 0.1506, 0.0623



0.4199, 0.1521, 0.0676

Previews

White Background



This preview shows how the Yxy color 94.0154, 0.3605, 0.4040 looks on a white background.

Color Contrast Check

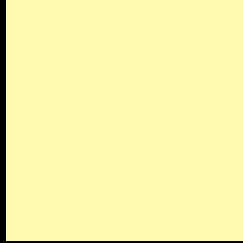
Large Text (above 18pt) WCAG AA × Fail

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 94.0154, 0.3605, 0.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

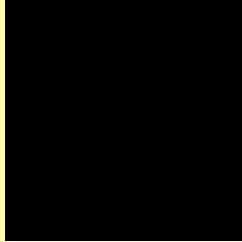
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0154, 0.3605, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 94.0154, 0.3605, 0.4040.

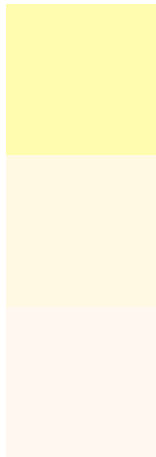


This preview shows how white text looks on a background with the Yxy color 94.0154, 0.3605, 0.4040.

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

94.0154, 0.3605, 0.4040

Protanopia

93.8858, 0.3306, 0.3505

Deuteranopia

94.0728, 0.3221, 0.3358



Tritanopia

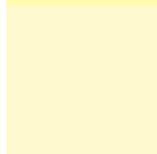
93.6567, 0.3144, 0.3213

Trichromacy



Original Color

94.0154, 0.3605, 0.4040



Protanomaly

93.5654, 0.3416, 0.3695



Deuteranomaly

94.0211, 0.3360, 0.3605



Tritanomaly

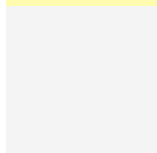
93.8310, 0.3312, 0.3515

Monochromacy



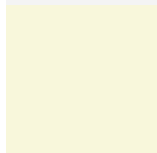
Original Color

94.0154, 0.3605, 0.4040



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.5925, 0.3303, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0154, 0.3605, 0.4040 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, 252, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 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, 252, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 176) }
```

Border

The CSS property to change the border of an element to Yxy 94.0154, 0.3605, 0.4040 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, 252, 176) }
```

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

```
.border{ border-color:rgb(255, 252, 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, 252, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0154, 0.3605, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 176) }
```

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

```
.background{ background-color: rgb(255,  
252, 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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