

Converting Colors

$Yxy(94.4695, 0.3580, 0.4006)$

Have a look what the booklet for
Yxy(94.4695, 0.3580, 0.4006)
contains.

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Color

Yxy(94.1761, 0.3581, 0.4001)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCB4
RGB	255, 252, 180
RGB Percent	100%, 99%, 71%
CMY	0.0000, 0.0117, 0.2941
CMYK	0.00, 0.01, 0.29, 0.00
HSL	58°, 100%, 85%
HSV	58°, 29%, 100%
XYZ	84.2901, 94.1761, 56.9152
YIQ	244.6890, 24.9000, -21.7560

Conversions

Conversions Part 2

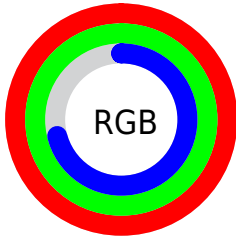
Format	Color
R_{YB}	183, 255, 180
Decimal	16776372
CIE _{Lab}	97.70, -9.72, 34.93
CIE _{LCh}	98, 36.258, 105.552
Yxy	94.1761, 0.3581, 0.4001
Android (android.graphics.Color)	4294966452 (0xFFFFFCB4)
YUV	244.6890, -31.8917, 9.0427
Hunter-Lab	97.0444, -14.7874, 33.1583

Details

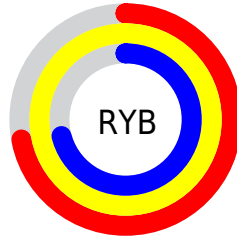
The Yxy color **94.1761, 0.3581, 0.4001** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.7895, 0.2610, 0.2463**, and the grayscale version is **91.2956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **52.8825, 0.3660, 0.4154** is the 20% darker color. If you saturate the color by 10%, you get **92.5958, 0.3734, 0.4237**, and if you desaturate by 10%, it is **95.9573, 0.3424, 0.3757**.

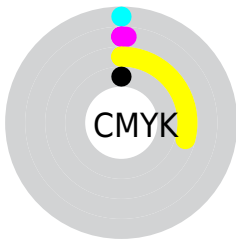
Distribution



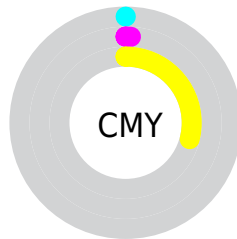
- Red (100%)
- Green (99%)
- Blue (71%)



- 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 94.1761, 0.3581, 0.4001 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 94.1761, 0.3581, 0.4001 by changing the saturation by 10% instead.


 94.1761, 0.3581,
0.4001

 94.1761, 0.3581,
0.4001

541.5240, 0.3387,
0.3684

 71.4494, 0.3621,
0.4070

 153.1259, 0.3517,
0.3894

 52.7090, 0.3669,
0.4153


190.1177, 0.3491,
0.3851

 37.5706, 0.3727,
0.4256


232.6335, 0.3468,
0.3814

 25.6496, 0.3796,
0.4384

281.0575, 0.3448,
0.3782

 16.5617, 0.3880,
0.4549

335.7742, 0.3430,
0.3753

 9.9225, 0.3982,
0.4765


397.1679, 0.3414,


 5.3476, 0.4098,


0.3728


0.5054

465.6230, 0.3400,
0.3705

 2.4526, 0.4357,
0.5643


 0.8528, 0.4020,
0.5980

 94.1761, 0.3581,
0.4001


 94.1761, 0.3581,
0.4001

 92.5958, 0.3734,
0.4237


 95.9573, 0.3424,
0.3757

 91.1965, 0.3877,
0.4454

 97.9397, 0.3269,
0.3513

 89.9698, 0.4003,
0.4643

100.0000, 0.3127,
0.3290

 88.9028, 0.4108,
0.4795

■ 87.9809, 0.4186,
0.4904

■ 87.1867, 0.4237,
0.4968

■ 86.4934, 0.4265,
0.4994

■ 86.4538, 0.4266,
0.4995

Harmonies

Analogous

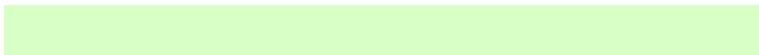
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1761, 0.3852, 0.3837



94.1761, 0.3581, 0.4001



94.1761, 0.3198, 0.3959

Triad

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



94.1761, 0.3581, 0.4001



94.1761, 0.2390, 0.2950



94.1761, 0.3424, 0.2927

Complementary

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



94.1761, 0.3581, 0.4001



50.7895, 0.2610, 0.2463

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.



94.1761, 0.3015, 0.2719



94.1761, 0.3581, 0.4001



94.1761, 0.2440, 0.2715

Square

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



94.1761, 0.3581, 0.4001



94.1761, 0.2521, 0.3311



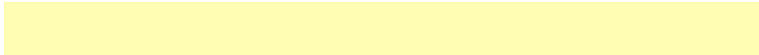
94.1761, 0.2661, 0.2639



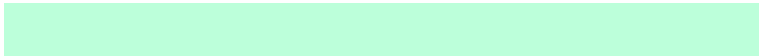
94.1761, 0.3765, 0.3222

Rectangle

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



94.1761, 0.3581, 0.4001



94.1761, 0.2934, 0.3804



94.1761, 0.2661, 0.2639



94.1761, 0.3289, 0.2846

Sweetspot

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



94.1793, 0.3581, 0.4001



98.0257, 0.3262, 0.3503



57.3538, 0.3754, 0.3253



20.9167, 0.3285, 0.3539



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

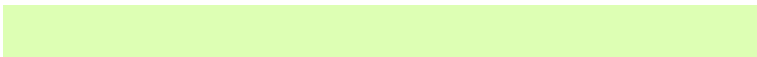
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1793, 0.3581, 0.4001



93.2709, 0.3667, 0.4134



90.2270, 0.3346, 0.4086



20.9589, 0.3270, 0.3516



45.2289, 0.4265, 0.4996



4.4409, 0.4256, 0.5003

Inverse Universe

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



50.7895, 0.2610, 0.2463



43.7930, 0.2495, 0.2277



54.1222, 0.2846, 0.2483



17.4940, 0.2978, 0.3054



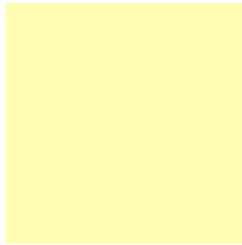
3.9384, 0.1507, 0.0624



0.4226, 0.1522, 0.0680

Previews

White Background



This preview shows how the Yxy color 94.1761, 0.3581, 0.4001 looks on a white background.

Color Contrast Check

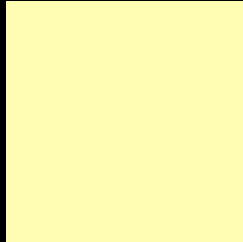
Large Text (above 18pt) WCAG AA × Fail

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 94.1761, 0.3581, 0.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

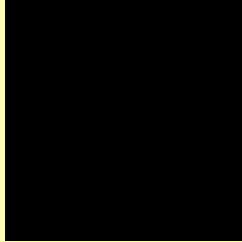
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.1761, 0.3581, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 94.1761, 0.3581, 0.4001.



This preview shows how white text looks on a background with the Yxy color 94.1761, 0.3581, 0.4001.

Color Blindness Simulation

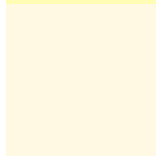
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



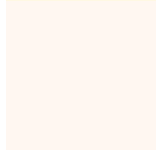
Original Color

94.1761, 0.3581, 0.4001



Protanopia

93.9409, 0.3300, 0.3496



Deuteranopia

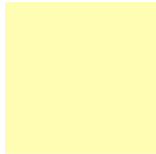
94.1324, 0.3215, 0.3348



Tritanopia

94.2634, 0.3143, 0.3223

Trichromacy



Original Color

94.1761, 0.3581, 0.4001



Protanomaly

93.6645, 0.3403, 0.3675



Deuteranomaly

94.1258, 0.3348, 0.3585



Tritanomaly

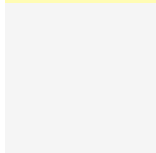
93.8858, 0.3306, 0.3505

Monochromacy



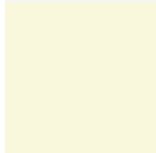
Original Color

94.1761, 0.3581, 0.4001



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.4950, 0.3297, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1761, 0.3581, 0.4001 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 180) }
```

Border

The CSS property to change the border of an element to Yxy 94.1761, 0.3581, 0.4001 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, 180) }
```

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

```
.border{ border-color:rgb(255, 252, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1761, 0.3581, 0.4001 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
252, 180) }
```

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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