

Converting Colors

$Yxy(94.8667, 0.3592, 0.4035)$

Have a look what the booklet for
Yxy(94.8667, 0.3592, 0.4035)
contains.

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Color

Yxy(94.7249, 0.3590, 0.4029)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDB2
RGB	255, 253, 178
RGB Percent	100%, 99%, 70%
CMY	0.0000, 0.0078, 0.3018
CMYK	0.00, 0.01, 0.30, 0.00
HSL	58°, 100%, 85%
HSV	58°, 30%, 100%
XYZ	84.4037, 94.7249, 55.9791
YIQ	245.0480, 25.2670, -22.9010

Conversions

Conversions Part 2

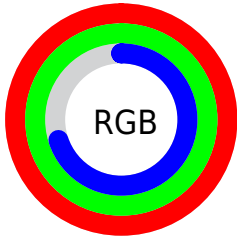
Format	Color
RYB	180, 255, 178
Decimal	16776626
CIELab	97.92, -10.46, 36.20
CIElCh	98, 37.679, 106.111
Yxy	94.7249, 0.3590, 0.4029
Android (android.graphics.Color)	4294966706 (0xFFFFFDB2)
YUV	245.0480, -33.0547, 8.7279
Hunter-Lab	97.3267, -15.5230, 34.0270

Details

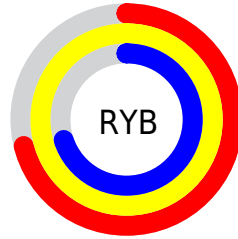
The Yxy color **94.7249, 0.3590, 0.4029** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.3491, 0.2593, 0.2426**, and the grayscale version is **91.6122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **52.8308, 0.3675, 0.4178** is the 20% darker color. If you saturate the color by 10%, you get **93.3820, 0.3740, 0.4266**, and if you desaturate by 10%, it is **96.2682, 0.3435, 0.3783**.

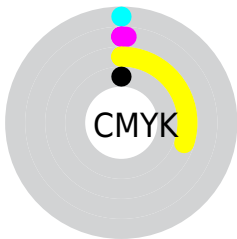
Distribution



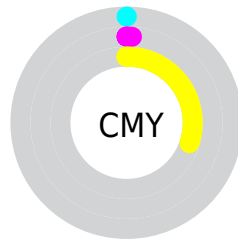
- Red (100%)
- Green (99%)
- Blue (70%)



- Red (71%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7249, 0.3590, 0.4029 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 94.7249, 0.3590, 0.4029 by changing the saturation by 10% instead.


 94.7249, 0.3590,
0.4029

 94.7249, 0.3590,
0.4029


543.2839, 0.3392,
0.3700

 71.9060, 0.3631,
0.4101


 153.8845, 0.3525,
0.3918

 53.0819, 0.3679,
0.4187


190.9940, 0.3499,
0.3873

 37.8682, 0.3737,
0.4293


233.6358, 0.3475,
0.3835

 25.8804, 0.3806,
0.4426

282.1944, 0.3455,
0.3801

 16.7342, 0.3889,
0.4595

337.0541, 0.3437,
0.3772

 10.0451, 0.3988,
0.4817

398.5993, 0.3420,

 5.4289, 0.4099,

0.3745

0.5114

467.2145, 0.3406,
0.3721

■ 2.5010, 0.4321,
0.5679

■ 0.8772, 0.3974,
0.6026

■ 94.7249, 0.3590,
0.4029

■ 94.7249, 0.3590,
0.4029

■ 93.3820, 0.3740,
0.4266

■ 96.2682, 0.3435,
0.3783

■ 92.2162, 0.3879,
0.4483

■ 98.0087, 0.3280,
0.3535

■ 91.2200, 0.4000,
0.4671

99.9600, 0.3130,
0.3294

■ 90.3805, 0.4099,
0.4821

99.9992, 0.3127,
0.3290

■ 89.6830, 0.4172,
0.4928

■ 89.1096, 0.4217,
0.4990

■ 88.6391, 0.4240,
0.5016

Harmonies

Analogous

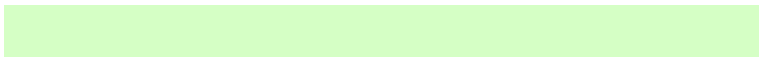
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7249, 0.3875, 0.3860



94.7249, 0.3590, 0.4029



94.7249, 0.3191, 0.3982

Triad

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



94.7249, 0.3590, 0.4029



94.7249, 0.2364, 0.2930



94.7249, 0.3442, 0.2919

Complementary

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



94.7249, 0.3590, 0.4029



49.3491, 0.2593, 0.2426

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.



94.7249, 0.3019, 0.2702



94.7249, 0.3590, 0.4029



94.7249, 0.2419, 0.2691

Square

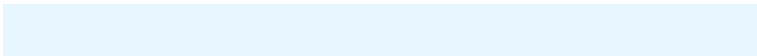
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.7249, 0.3590, 0.4029



94.7249, 0.2495, 0.3303



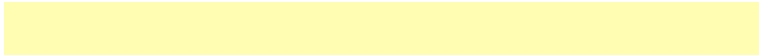
94.7249, 0.2650, 0.2617



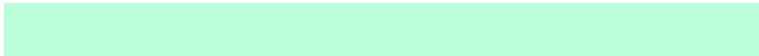
94.7249, 0.3795, 0.3225

Rectangle

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



94.7249, 0.3590, 0.4029



94.7249, 0.2918, 0.3819



94.7249, 0.2650, 0.2617



94.7249, 0.3302, 0.2835

Sweetspot

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



94.7292, 0.3590, 0.4029



98.2308, 0.3262, 0.3506



56.4398, 0.3787, 0.3265



20.9677, 0.3284, 0.3542



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

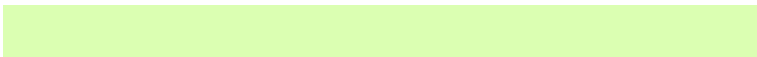
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7292, 0.3590, 0.4029



93.9254, 0.3678, 0.4169



89.8072, 0.3343, 0.4111



21.0053, 0.3270, 0.3519



46.3539, 0.4239, 0.5016



4.5378, 0.4233, 0.5021

Inverse Universe

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



49.3491, 0.2593, 0.2426



42.1459, 0.2471, 0.2228



53.3697, 0.2847, 0.2463



17.4530, 0.2978, 0.3050



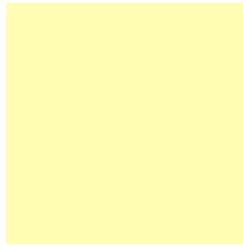
3.8800, 0.1504, 0.0615



0.4031, 0.1515, 0.0652

Previews

White Background



This preview shows how the Yxy color 94.7249, 0.3590, 0.4029 looks on a white background.

Color Contrast Check

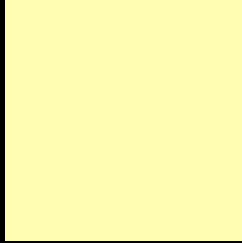
Large Text (above 18pt) WCAG AA × Fail

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 94.7249, 0.3590, 0.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

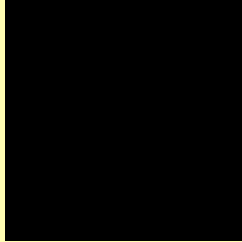
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7249, 0.3590, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 94.7249, 0.3590, 0.4029.



This preview shows how white text looks on a background with the Yxy color 94.7249, 0.3590, 0.4029.

Color Blindness Simulation

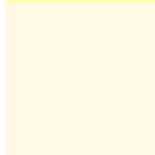
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



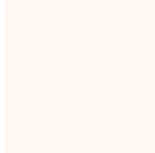
Original Color

94.7249, 0.3590, 0.4029



Protanopia

94.7245, 0.3280, 0.3475



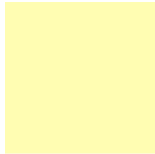
Deuteranopia

94.8056, 0.3208, 0.3348

Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



Original Color

94.7249, 0.3590, 0.4029



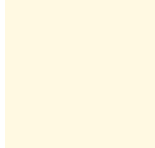
Protanomaly

94.3344, 0.3396, 0.3674



Deuteranomaly

94.7457, 0.3346, 0.3594



Tritanomaly

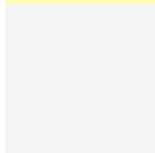
94.5024, 0.3304, 0.3515

Monochromacy



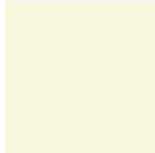
Original Color

94.7249, 0.3590, 0.4029



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 94.7249, 0.3590, 0.4029 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 178) }
```

Border

The CSS property to change the border of an element to Yxy 94.7249, 0.3590, 0.4029 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, 178) }
```

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

```
.border{ border-color:rgb(255, 253, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7249, 0.3590, 0.4029 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
253, 178) }
```

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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