

Converting Colors

$Yxy(96.1279, 0.3887, 0.4214)$

Have a look what the booklet for
Yxy(96.1279, 0.3887, 0.4214)
contains.

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Color

Yxy(92.4887, 0.3754, 0.4269)

Conversions

Conversions Part 1

Format	Color
Hex	FFFB97
RGB	255, 251, 151
RGB Percent	100%, 98%, 59%
CMY	0.0000, 0.0157, 0.4079
CMYK	0.00, 0.02, 0.41, 0.00
HSL	58°, 100%, 80%
HSV	58°, 41%, 100%
XYZ	81.3311, 92.4887, 42.8321
YIQ	240.7960, 34.4840, -30.2520

Conversions

Conversions Part 2

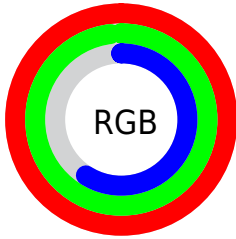
Format	Color
R_{YB}	155, 255, 151
Decimal	16776087
CIE _{Lab}	97.02, -12.46, 48.32
CIE _{LCh}	97, 49.900, 104.465
Yxy	92.4887, 0.3754, 0.4269
Android (android.graphics.Color)	4294966167 (0xFFFFFB97)
YUV	240.7960, -44.2694, 12.4569
Hunter-Lab	96.1710, -17.3432, 40.9135

Details

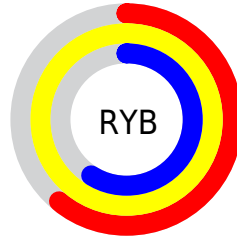
The Yxy color **92.4887, 0.3754, 0.4269** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.2325, 0.2372, 0.2076**, and the grayscale version is **88.1243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **51.7824, 0.3867, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **91.1339, 0.3894, 0.4483**, and if you desaturate by 10%, it is **94.0207, 0.3602, 0.4035**.

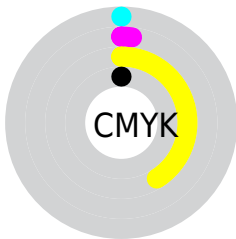
Distribution



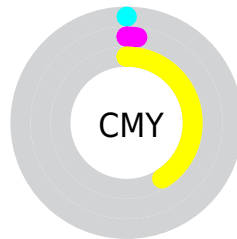
- Red (100%)
- Green (98%)
- Blue (59%)



- Red (61%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (2%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4887, 0.3754, 0.4269 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 92.4887, 0.3754, 0.4269 by changing the saturation by 10% instead.

 92.4887, 0.3754,
0.4269

 92.4887, 0.3754,
0.4269


536.0937, 0.3491,
0.3835

 70.0466, 0.3806,
0.4362


 150.7905, 0.3669,
0.4123

 51.5645, 0.3867,
0.4472


 187.4191, 0.3634,
0.4065

 36.6581, 0.3936,
0.4606

229.5452, 0.3603,
0.4014

 24.9429, 0.4016,
0.4769


277.5533, 0.3576,
0.3970

 16.0345, 0.4103,
0.4970

331.8278, 0.3551,
0.3930

 9.5486, 0.4189,
0.5216

392.7531, 0.3529,

 5.1007, 0.4355,

0.3895

0.5645

460.7136, 0.3509,
0.3863

■ 2.3065, 0.4193,
0.5807

■ 0.7771, 0.3585,
0.6415

■ 92.4887, 0.3754,
0.4269

■ 92.4887, 0.3754,
0.4269

■ 91.1339, 0.3894,
0.4483

■ 94.0207, 0.3602,
0.4035

■ 89.9524, 0.4018,
0.4668

■ 95.7482, 0.3446,
0.3792

■ 88.9285, 0.4118,
0.4814

■ 97.6784, 0.3290,
0.3547

■ 88.0472, 0.4193,
0.4917

■ 99.8206, 0.3139,
0.3309

■ 87.2906, 0.4240,
0.4976

100.0000, 0.3127,
0.3290

■ 86.6783, 0.4263,
0.4997

Harmonies

Analogous

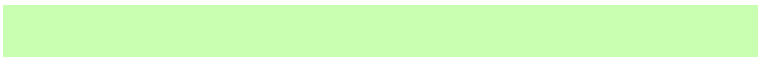
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4887, 0.4130, 0.4006



92.4887, 0.3754, 0.4269



92.4887, 0.3229, 0.4247

Triad

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



92.4887, 0.3754, 0.4269



92.4887, 0.2136, 0.2822



92.4887, 0.3512, 0.2786

Complementary

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



92.4887, 0.3754, 0.4269



37.2325, 0.2372, 0.2076

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.



92.4887, 0.2946, 0.2518



92.4887, 0.3754, 0.4269



92.4887, 0.2195, 0.2510

Square

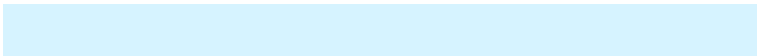
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4887, 0.3754, 0.4269



92.4887, 0.2311, 0.3326



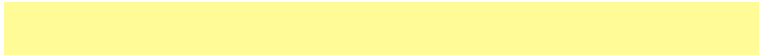
92.4887, 0.2476, 0.2415



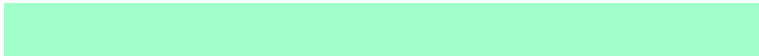
92.4887, 0.4001, 0.3169

Rectangle

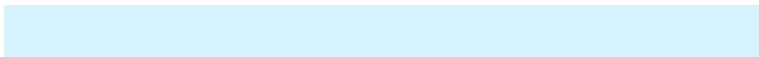
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4887, 0.3754, 0.4269



92.4887, 0.2868, 0.4037



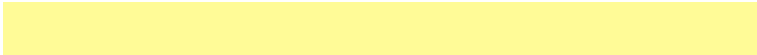
92.4887, 0.2476, 0.2415



92.4887, 0.3322, 0.2681

Sweetspot

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



92.4861, 0.3754, 0.4269



97.4346, 0.3309, 0.3576



45.7917, 0.4124, 0.3238



20.7992, 0.3329, 0.3608



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

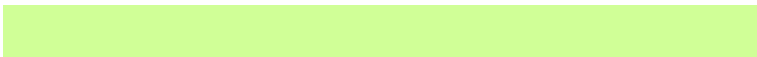
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4861, 0.3754, 0.4269



91.3636, 0.3870, 0.4447



87.1909, 0.3419, 0.4423



20.9637, 0.3270, 0.3516



45.3444, 0.4262, 0.4998



4.4509, 0.4253, 0.5005

Inverse Universe

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



37.2325, 0.2372, 0.2076



29.2582, 0.2196, 0.1789



41.3222, 0.2705, 0.2136



17.4897, 0.2978, 0.3054



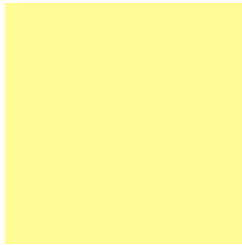
3.9324, 0.1506, 0.0623



0.4206, 0.1522, 0.0677

Previews

White Background



This preview shows how the Yxy color 92.4887, 0.3754, 0.4269 looks on a white background.

Color Contrast Check

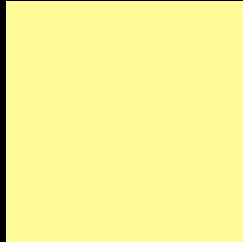
Large Text (above 18pt) WCAG AA × Fail

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 92.4887, 0.3754, 0.4269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

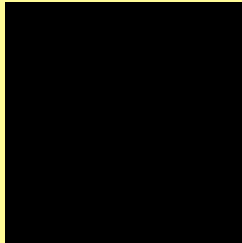
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4887, 0.3754, 0.4269

Background



This preview shows how black text looks on a background with the Yxy color 92.4887, 0.3754, 0.4269.

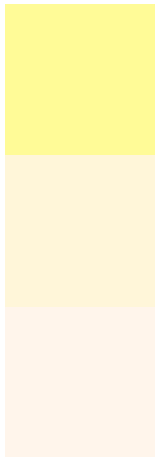


This preview shows how white text looks on a background with the Yxy color 92.4887, 0.3754, 0.4269.

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

92.4887, 0.3754, 0.4269

Protanopia

92.1813, 0.3364, 0.3576

Deuteranopia

92.5630, 0.3253, 0.3388



Tritanopia

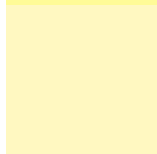
92.3262, 0.3157, 0.3213

Trichromacy



Original Color

92.4887, 0.3754, 0.4269



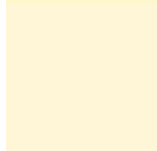
Protanomaly

92.2451, 0.3511, 0.3836



Deuteranomaly

92.1412, 0.3444, 0.3716



Tritanomaly

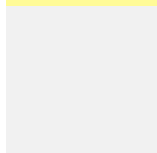
92.0778, 0.3377, 0.3596

Monochromacy



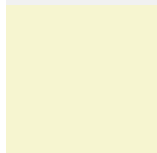
Original Color

92.4887, 0.3754, 0.4269



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4517, 0.3361, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4887, 0.3754, 0.4269 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, 251, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 151)  
}
```

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, 251, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 151) }
```

Border

The CSS property to change the border of an element to Yxy 92.4887, 0.3754, 0.4269 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, 251, 151) }
```

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

```
.border{ border-color:rgb(255, 251, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4887, 0.3754, 0.4269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 151) }
```

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

```
.background{ background-color: rgb(255,  
251, 151) }
```

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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