

Converting Colors

$Y_{xy}(138.7397, 0.4622, 0.3691)$

Have a look what the booklet for
Yxy(138.7397, 0.4622, 0.3691)
contains.

Yxy(92.5141, 0.3558, 0.3925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.5141, 0.3558, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9B9
RGB	255, 249, 185
RGB Percent	100%, 98%, 73%
CMY	0.0001, 0.0235, 0.2746
CMYK	0.00, 0.02, 0.27, 0.00
HSL	55°, 100%, 86%
HSV	55°, 27%, 100%
XYZ	83.8637, 92.5141, 59.3269
YIQ	243.4980, 24.1200, -18.6320

Conversions

Conversions Part 2

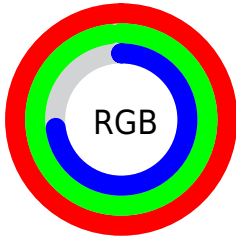
Format	Color
R _Y B	192, 255, 185
Decimal	16775609
CIE Lab	97.03, -7.63, 31.53
CIE LCh	97, 32.437, 103.609
Yxy	92.5141, 0.3558, 0.3925
Android (android.graphics.Color)	4294965689 (0xFFFFF9B9)
YUV	243.4980, -28.8395, 10.0873
Hunter-Lab	96.1843, -12.6870, 30.7586

Details

The Yxy color **92.5141, 0.3558, 0.3925** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.7675, 0.2653, 0.2564**, and the grayscale version is **90.2641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **51.7844, 0.3650, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **90.2023, 0.3719, 0.4154**, and if you desaturate by 10%, it is **95.0428, 0.3397, 0.3690**.

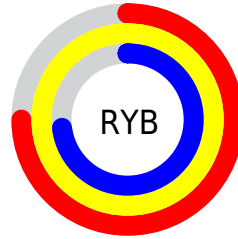
Distribution



Red (100%)

Green (98%)

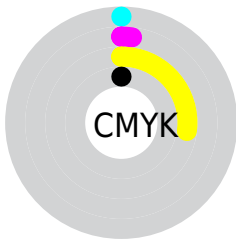
Blue (73%)



Red (75%)

Yellow (100%)

Blue (73%)

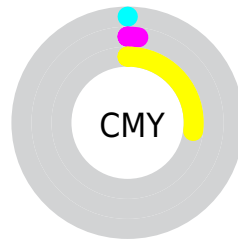


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5141, 0.3558, 0.3925 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 92.5141, 0.3558, 0.3925 by changing the saturation by 10% instead.


 92.5141, 0.3558,
0.3925

 92.5141, 0.3558,
0.3925


536.1756, 0.3371,
0.3641

 70.0677, 0.3597,
0.3987


 150.8257, 0.3496,
0.3829

 51.5817, 0.3644,
0.4062


187.4597, 0.3471,
0.3791

 36.6718, 0.3701,
0.4154


229.5918, 0.3449,
0.3758

 24.9535, 0.3771,
0.4270

277.6062, 0.3430,
0.3729

 16.0424, 0.3857,
0.4421

331.8874, 0.3413,
0.3703

 9.5542, 0.3966,
0.4620

392.8197, 0.3397,

 5.1044, 0.4097,

0.3680

0.4890

460.7877, 0.3384,
0.3660

■ 2.3086, 0.4462,
0.5538

■ 0.7783, 0.4156,
0.5844

■ 92.5141, 0.3558,
0.3925

■ 92.5141, 0.3558,
0.3925

■ 90.2023, 0.3719,
0.4154

■ 95.0428, 0.3397,
0.3690

■ 88.0845, 0.3873,
0.4369

■ 97.7856, 0.3239,
0.3458

■ 86.1536, 0.4015,
0.4559

99.9948, 0.3127,
0.3290

■ 84.3971, 0.4136,
0.4714

■ 82.8005, 0.4234,
0.4828

■ 81.3471, 0.4303,
0.4897

■ 80.0149, 0.4345,
0.4922

■ 79.6862, 0.4354,
0.4925

Harmonies

Analogous

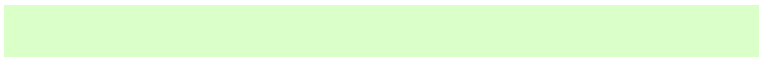
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5141, 0.3791, 0.3772



92.5141, 0.3558, 0.3925



92.5141, 0.3217, 0.3897

Triad

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



92.5141, 0.3558, 0.3925



92.5141, 0.2462, 0.3005



92.5141, 0.3372, 0.2946

Complementary

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



92.5141, 0.3558, 0.3925



54.7675, 0.2653, 0.2564

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.



92.5141, 0.3005, 0.2763



92.5141, 0.3558, 0.3925



92.5141, 0.2497, 0.2781

Square

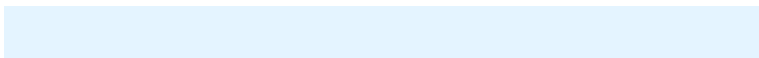
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.5141, 0.3558, 0.3925



92.5141, 0.2593, 0.3334



92.5141, 0.2689, 0.2700



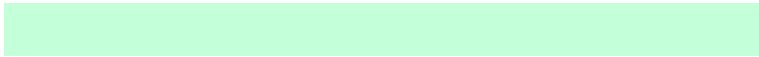
92.5141, 0.3685, 0.3212

Rectangle

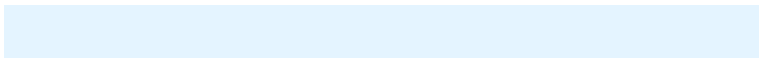
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5141, 0.3558, 0.3925



92.5141, 0.2977, 0.3767



92.5141, 0.2689, 0.2700



92.5141, 0.3250, 0.2874

Sweetspot

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



92.5183, 0.3558, 0.3925



97.6522, 0.3248, 0.3471



59.7520, 0.3668, 0.3219



20.8106, 0.3271, 0.3505



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

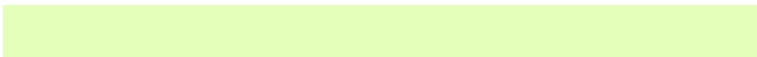
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5183, 0.3558, 0.3925



91.2295, 0.3648, 0.4054



91.3322, 0.3356, 0.4023



20.8106, 0.3271, 0.3505



41.7578, 0.4351, 0.4927



4.1405, 0.4331, 0.4943

Inverse Universe

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



54.7675, 0.2653, 0.2564



47.7068, 0.2542, 0.2390



56.0536, 0.2843, 0.2537



17.6261, 0.2979, 0.3065



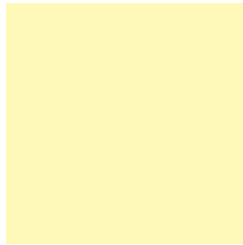
4.1515, 0.1515, 0.0654



0.4851, 0.1547, 0.0768

Previews

White Background



This preview shows how the Yxy color 92.5141, 0.3558, 0.3925 looks on a white background.

Color Contrast Check

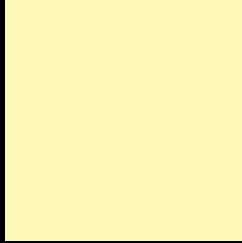
Large Text (above 18pt) WCAG AA × Fail

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 92.5141, 0.3558, 0.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

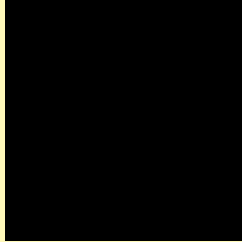
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.5141, 0.3558, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 92.5141, 0.3558, 0.3925.

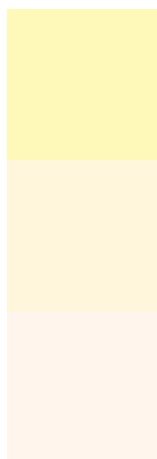


This preview shows how white text looks on a background with the Yxy color 92.5141, 0.3558, 0.3925.

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

92.5141, 0.3558, 0.3925

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

92.6792, 0.3241, 0.3368



Tritanopia

92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.5141, 0.3558, 0.3925

Protanomaly

92.2865, 0.3425, 0.3686

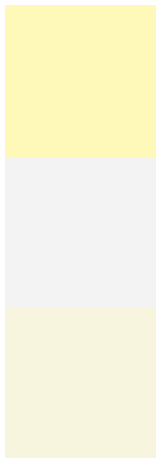
Deuteranomaly

92.2335, 0.3358, 0.3566

Tritanomaly

92.1663, 0.3297, 0.3457

Monochromacy



Original Color

92.5141, 0.3558, 0.3925

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.3529, 0.3280, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5141, 0.3558, 0.3925 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, 249, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 185)  
}
```

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, 249, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 185) }
```

Border

The CSS property to change the border of an element to Yxy 92.5141, 0.3558, 0.3925 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, 249, 185) }
```

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

```
.border{ border-color:rgb(255, 249, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5141, 0.3558, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 185) }
```

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

```
.background{ background-color: rgb(255,  
249, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor