

Converting Colors

$Y_{xy}(100.0000, 0.3704, 0.3877)$

Have a look what the booklet for
Yxy(100.0000, 0.3704, 0.3877)
contains.

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Color

Yxy(94.5549, 0.3527, 0.3912)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCBD
RGB	255, 252, 189
RGB Percent	100%, 99%, 74%
CMY	0.0000, 0.0118, 0.2588
CMYK	0.00, 0.01, 0.26, 0.00
HSL	57°, 100%, 87%
HSV	57°, 26%, 100%
XYZ	85.2493, 94.5549, 61.9006
YIQ	245.7150, 22.0110, -18.9570

Conversions

Conversions Part 2

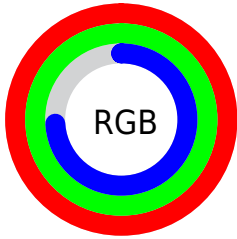
Format	Color
R _Y B	192, 255, 189
Decimal	16776381
CIE Lab	97.86, -8.56, 30.62
CIE LCh	98, 31.795, 105.622
Yxy	94.5549, 0.3527, 0.3912
Android (android.graphics.Color)	4294966461 (0xFFFFFCBD)
YUV	245.7150, -27.9605, 8.1429
Hunter-Lab	97.2393, -13.6788, 30.3247

Details

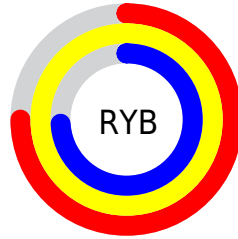
The Yxy color **94.5549, 0.3527, 0.3912** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.7419, 0.2681, 0.2581**, and the grayscale version is **92.1283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **53.2349, 0.3609, 0.4053** is the 20% darker color. If you saturate the color by 10%, you get **92.8098, 0.3682, 0.4151**, and if you desaturate by 10%, it is **96.4883, 0.3369, 0.3669**.

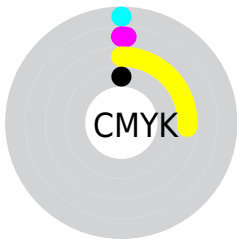
Distribution



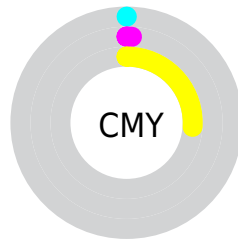
- Red (100%)
- Green (99%)
- Blue (74%)



- Red (75%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5549, 0.3527, 0.3912 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 94.5549, 0.3527, 0.3912 by changing the saturation by 10% instead.

 94.5549, 0.3527,
0.3912

 94.5549, 0.3527,
0.3912

542.7391, 0.3355,
0.3635

 71.7646, 0.3563,
0.3973


 153.6495, 0.3470,
0.3818

 52.9664, 0.3606,
0.4046


190.7226, 0.3447,
0.3781

 37.7759, 0.3658,
0.4136


233.3255, 0.3427,
0.3748

 25.8088, 0.3722,
0.4250

281.8424, 0.3409,
0.3720

 16.6807, 0.3802,
0.4397

336.6578, 0.3393,
0.3695

 10.0071, 0.3901,
0.4594


398.1561, 0.3379,


 5.4037, 0.4022,

0.3673


0.4863


466.7218, 0.3366,
0.3653


 2.4860, 0.4411,
0.5564


 0.8696, 0.4152,
0.5848


 94.5549, 0.3527,
0.3912

 94.5549, 0.3527,
0.3912

 92.8098, 0.3682,
0.4151


 96.4883, 0.3369,
0.3669

 91.2591, 0.3830,
0.4374

 98.6358, 0.3215,
0.3428

 89.8862, 0.3965,
0.4574

100.0000, 0.3127,
0.3290

 88.6788, 0.4079,
0.4739

■ 87.6230, 0.4169,
0.4863

■ 86.7023, 0.4231,
0.4943

■ 85.8968, 0.4267,
0.4979

■ 85.5863, 0.4277,
0.4986

Harmonies

Analogous

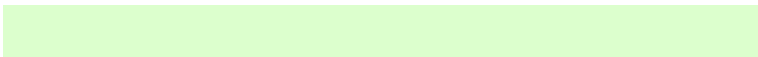
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5549, 0.3763, 0.3774



94.5549, 0.3527, 0.3912



94.5549, 0.3191, 0.3871

Triad

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



94.5549, 0.3527, 0.3912



94.5549, 0.2477, 0.2994



94.5549, 0.3389, 0.2970

Complementary

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



94.5549, 0.3527, 0.3912



55.7419, 0.2681, 0.2581

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.



94.5549, 0.3032, 0.2785



94.5549, 0.3527, 0.3912



94.5549, 0.2521, 0.2785

Square

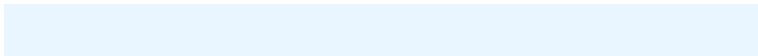
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.5549, 0.3527, 0.3912



94.5549, 0.2593, 0.3310



94.5549, 0.2718, 0.2715



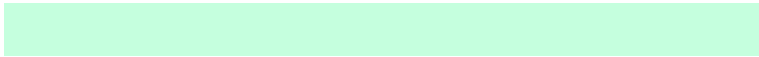
94.5549, 0.3686, 0.3234

Rectangle

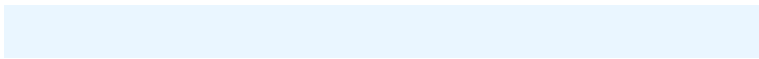
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.5549, 0.3527, 0.3912



94.5549, 0.2959, 0.3736



94.5549, 0.2718, 0.2715



94.5549, 0.3271, 0.2898

Sweetspot

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



94.5495, 0.3527, 0.3912



98.1632, 0.3247, 0.3478



61.4743, 0.3655, 0.3257



20.9403, 0.3270, 0.3514



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

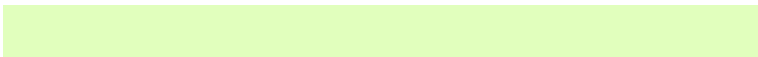
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5495, 0.3527, 0.3912



93.6349, 0.3607, 0.4035



91.2499, 0.3321, 0.3983



20.9403, 0.3270, 0.3514



44.7829, 0.4275, 0.4988



4.4025, 0.4265, 0.4996

Inverse Universe

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



55.7419, 0.2681, 0.2581



48.9068, 0.2578, 0.2417



58.6287, 0.2886, 0.2589



17.5104, 0.2978, 0.3055



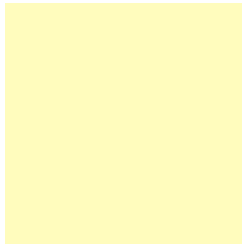
3.9619, 0.1508, 0.0627



0.4304, 0.1525, 0.0691

Previews

White Background



This preview shows how the Yxy color 94.5549, 0.3527, 0.3912 looks on a white background.

Color Contrast Check

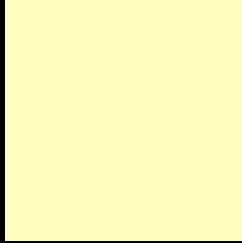
Large Text (above 18pt) WCAG AA × Fail

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 94.5549, 0.3527, 0.3912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

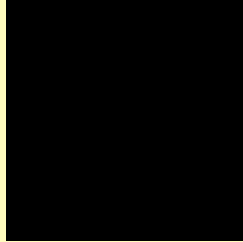
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5549, 0.3527, 0.3912

Background



This preview shows how black text looks on a background with the Yxy color 94.5549, 0.3527, 0.3912.



This preview shows how white text looks on a background with the Yxy color 94.5549, 0.3527, 0.3912.

Color Blindness Simulation

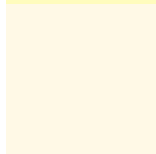
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.5549, 0.3527, 0.3912



Protanopia

94.7245, 0.3280, 0.3475



Deuteranopia

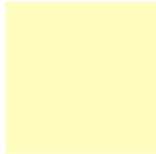
94.1923, 0.3209, 0.3339



Tritanopia

94.3273, 0.3137, 0.3214

Trichromacy



Original Color

94.5549, 0.3527, 0.3912



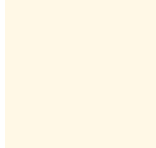
Protanomaly

94.5375, 0.3371, 0.3634



Deuteranomaly

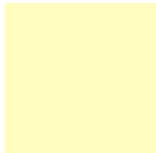
94.3391, 0.3323, 0.3545



Tritanomaly

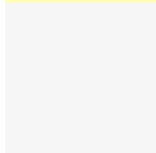
94.1080, 0.3281, 0.3466

Monochromacy



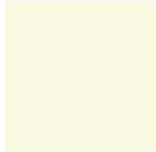
Original Color

94.5549, 0.3527, 0.3912



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.7108, 0.3272, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5549, 0.3527, 0.3912 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 189) }
```

Border

The CSS property to change the border of an element to Yxy 94.5549, 0.3527, 0.3912 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, 189) }
```

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

```
.border{ border-color:rgb(255, 252, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5549, 0.3527, 0.3912 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
252, 189) }
```

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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