

Converting Colors

$Yxy(95.0797, 0.3526, 0.3923)$

Have a look what the booklet for
Yxy(95.0797, 0.3526, 0.3923)
contains.

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Color

Yxy(95.1847, 0.3524, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDBD
RGB	255, 253, 189
RGB Percent	100%, 99%, 74%
CMY	0.0001, 0.0078, 0.2587
CMYK	0.00, 0.01, 0.26, 0.00
HSL	58°, 100%, 87%
HSV	58°, 26%, 100%
XYZ	85.5473, 95.1847, 62.0242
YIQ	246.3020, 21.7360, -19.4800

Conversions

Conversions Part 2

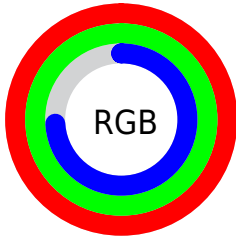
Format	Color
R _Y B	191, 255, 189
Decimal	16776637
CIE Lab	98.11, -9.09, 30.94
CIE LCh	98, 32.252, 106.367
Yxy	95.1847, 0.3524, 0.3921
Android (android.graphics.Color)	4294966717 (0xFFFFFDBD)
YUV	246.3020, -28.2499, 7.6281
Hunter-Lab	97.5626, -14.2179, 30.6010

Details

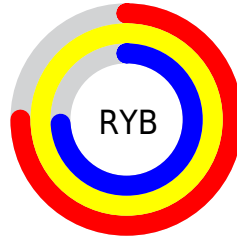
The Yxy color **95.1847, 0.3524, 0.3921** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.3028, 0.2680, 0.2570**, and the grayscale version is **92.6383, 0.3127, 0.3290**.

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 **93.6975, 0.3677, 0.4162**, and if you desaturate by 10%, it is **96.8771, 0.3368, 0.3674**.

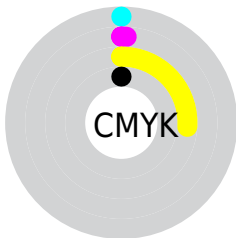
Distribution



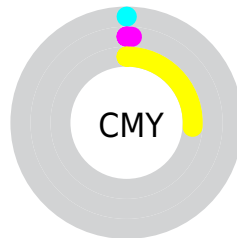
- Red (100%)
- Green (99%)
- Blue (74%)



- 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 95.1847, 0.3524, 0.3921 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 95.1847, 0.3524, 0.3921 by changing the saturation by 10% instead.

 95.1847, 0.3524,
0.3921

 95.1847, 0.3524,
0.3921


544.7561, 0.3353,
0.3640

 72.2887, 0.3560,
0.3982

 154.5197, 0.3467,
0.3826

 53.3946, 0.3602,
0.4057


191.7276, 0.3445,
0.3788

 38.1178, 0.3654,
0.4148


234.4749, 0.3425,
0.3755

 26.0742, 0.3716,
0.4264

283.1459, 0.3407,
0.3726

 16.8791, 0.3794,
0.4413

338.1252, 0.3391,
0.3701

 10.1483, 0.3890,
0.4611

399.7970, 0.3377,

 5.4974, 0.4007,

0.3678

0.4883

468.5459, 0.3365,
0.3658

■ 2.5420, 0.4379,
0.5579

■ 0.8976, 0.4129,
0.5871

■ 95.1847, 0.3524,
0.3921

■ 95.1847, 0.3524,
0.3921

■ 93.6975, 0.3677,
0.4162

■ 96.8771, 0.3368,
0.3674

■ 92.3923, 0.3823,
0.4389

■ 98.7712, 0.3215,
0.3430

■ 91.2625, 0.3953,
0.4590

99.9960, 0.3127,
0.3290

■ 90.2956, 0.4063,
0.4757

■ 89.4777, 0.4149,
0.4883

■ 88.7926, 0.4207,
0.4963

■ 88.2200, 0.4239,
0.5002

■ 88.0038, 0.4247,
0.5010

Harmonies

Analogous

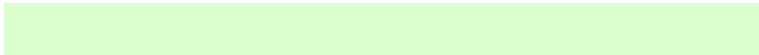
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1847, 0.3767, 0.3785



95.1847, 0.3524, 0.3921



95.1847, 0.3183, 0.3874

Triad

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



95.1847, 0.3524, 0.3921



95.1847, 0.2468, 0.2984



95.1847, 0.3401, 0.2973

Complementary

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



95.1847, 0.3524, 0.3921



55.3028, 0.2680, 0.2570

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.



95.1847, 0.3039, 0.2782



95.1847, 0.3524, 0.3921



95.1847, 0.2517, 0.2775

Square

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



95.1847, 0.3524, 0.3921



95.1847, 0.2582, 0.3302



95.1847, 0.2720, 0.2709



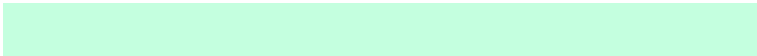
95.1847, 0.3698, 0.3240

Rectangle

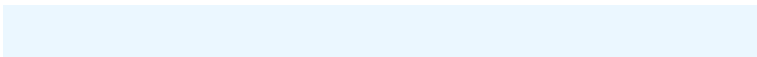
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1847, 0.3524, 0.3921



95.1847, 0.2948, 0.3735



95.1847, 0.2720, 0.2709



95.1847, 0.3282, 0.2898

Sweetspot

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



95.1890, 0.3524, 0.3921



98.3672, 0.3247, 0.3481



61.4363, 0.3664, 0.3269



20.9922, 0.3270, 0.3518



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

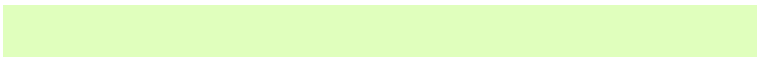
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1890, 0.3524, 0.3921



94.4166, 0.3603, 0.4046



91.0619, 0.3314, 0.3984



20.9922, 0.3270, 0.3518



46.0341, 0.4246, 0.5011



4.5103, 0.4240, 0.5016

Inverse Universe

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



55.3028, 0.2680, 0.2570



48.4082, 0.2576, 0.2402



58.8128, 0.2895, 0.2591



17.4645, 0.2978, 0.3051



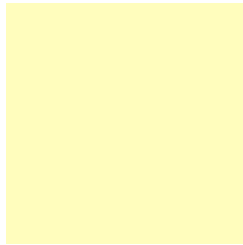
3.8965, 0.1505, 0.0618



0.4086, 0.1517, 0.0660

Previews

White Background



This preview shows how the Yxy color 95.1847, 0.3524, 0.3921 looks on a white background.

Color Contrast Check

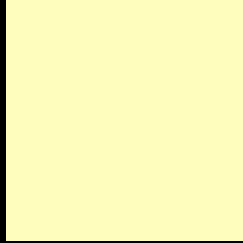
Large Text (above 18pt) WCAG AA × Fail

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 95.1847, 0.3524, 0.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

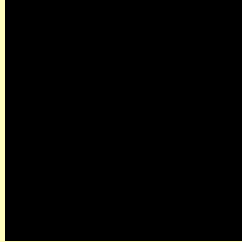
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1847, 0.3524, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 95.1847, 0.3524, 0.3921.

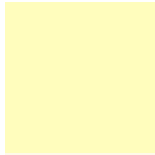


This preview shows how white text looks on a background with the Yxy color 95.1847, 0.3524, 0.3921.

Color Blindness Simulation

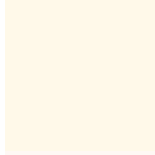
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



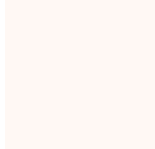
Original Color

95.1847, 0.3524, 0.3921



Protanopia

94.8946, 0.3262, 0.3446



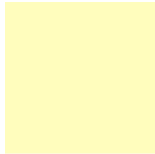
Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



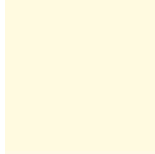
Original Color

95.1847, 0.3524, 0.3921



Protanomaly

94.6410, 0.3359, 0.3614



Deuteranomaly

95.0130, 0.3316, 0.3544



Tritanomaly

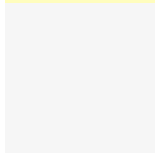
94.7245, 0.3280, 0.3475

Monochromacy



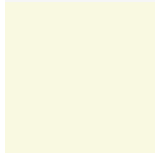
Original Color

95.1847, 0.3524, 0.3921



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.3273, 0.3271, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1847, 0.3524, 0.3921 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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, 253, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 189) }
```

Border

The CSS property to change the border of an element to Yxy 95.1847, 0.3524, 0.3921 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, 189) }
```

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

```
.border{ border-color:rgb(255, 253, 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, 253, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1847, 0.3524, 0.3921 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, 189) }
```

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

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