

Converting Colors

Yxy(97.8438, 0.3632, 0.3909)

Have a look what the booklet for
Yxy(97.8438, 0.3632, 0.3909)
contains.

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Color

Yxy(95.1414, 0.3530, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDBC
RGB	255, 253, 188
RGB Percent	100%, 99%, 74%
CMY	0.0001, 0.0078, 0.2626
CMYK	0.00, 0.01, 0.26, 0.00
HSL	58°, 100%, 87%
HSV	58°, 26%, 100%
XYZ	85.4361, 95.1414, 61.4510
YIQ	246.1880, 22.0570, -19.7910

Conversions

Conversions Part 2

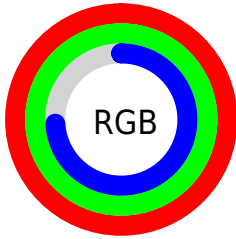
Format	Color
R _Y B	190, 255, 188
Decimal	16776636
CIE Lab	98.09, -9.22, 31.43
CIE LCh	98, 32.753, 106.355
Yxy	95.1414, 0.3530, 0.3931
Android (android.graphics.Color)	4294966716 (0xFFFFFDBC)
YUV	246.1880, -28.6867, 7.7281
Hunter-Lab	97.5405, -14.3470, 30.9253

Details

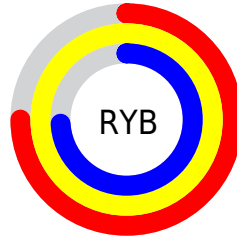
The Yxy color **95.1414, 0.3530, 0.3931** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.7314, 0.2672, 0.2557**, and the grayscale version is **92.5432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **53.2069, 0.3617, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **93.6717, 0.3683, 0.4172**, and if you desaturate by 10%, it is **96.8157, 0.3374, 0.3684**.

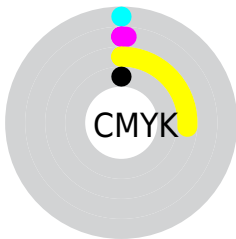
Distribution



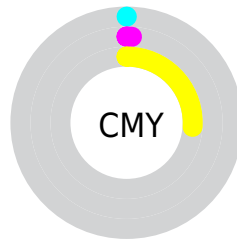
- Red (100%)
- Green (99%)
- Blue (74%)



- 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 95.1414, 0.3530, 0.3931 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 95.1414, 0.3530, 0.3931 by changing the saturation by 10% instead.


 95.1414, 0.3530,
0.3931

 95.1414, 0.3530,
0.3931


544.6176, 0.3357,
0.3645

 72.2527, 0.3566,
0.3993


 154.4599, 0.3473,
0.3834

 53.3651, 0.3609,
0.4069


191.6585, 0.3450,
0.3796

 38.0943, 0.3661,
0.4162


234.3959, 0.3429,
0.3763

 26.0559, 0.3724,
0.4279

283.0564, 0.3411,
0.3733

 16.8655, 0.3803,
0.4430

338.0244, 0.3396,
0.3708

 10.1386, 0.3900,
0.4631

399.6843, 0.3381,

 5.4910, 0.4016,

0.3684

0.4906

468.4206, 0.3368,
0.3664

■ 2.5381, 0.4390,
0.5610

■ 0.8957, 0.4114,
0.5886

■ 95.1414, 0.3530,
0.3931

■ 95.1414, 0.3530,
0.3931

■ 93.6717, 0.3683,
0.4172

■ 96.8157, 0.3374,
0.3684

■ 92.3836, 0.3828,
0.4398

■ 98.6914, 0.3220,
0.3439

■ 91.2703, 0.3958,
0.4598

99.9943, 0.3127,
0.3290

■ 90.3193, 0.4067,
0.4763

■ 89.5166, 0.4151,
0.4887

■ 88.8459, 0.4208,
0.4967

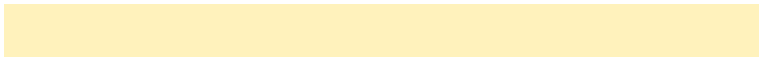
■ 88.2867, 0.4238,
0.5004

■ 88.0946, 0.4246,
0.5011

Harmonies

Analogous

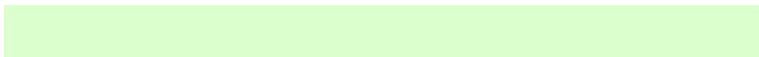
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1414, 0.3777, 0.3792



95.1414, 0.3530, 0.3931



95.1414, 0.3183, 0.3884

Triad

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



95.1414, 0.3530, 0.3931



95.1414, 0.2458, 0.2979



95.1414, 0.3405, 0.2968

Complementary

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



95.1414, 0.3530, 0.3931



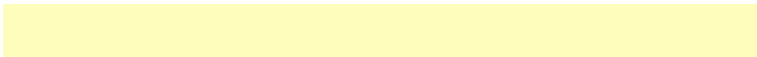
54.7314, 0.2672, 0.2557

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.



95.1414, 0.3038, 0.2775



95.1414, 0.3530, 0.3931



95.1414, 0.2508, 0.2767

Square

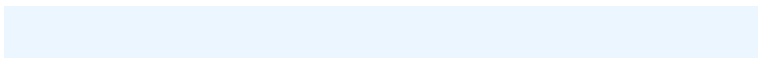
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



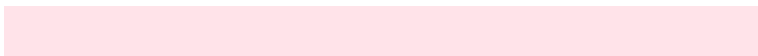
95.1414, 0.3530, 0.3931



95.1414, 0.2574, 0.3302



95.1414, 0.2714, 0.2700



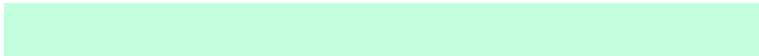
95.1414, 0.3707, 0.3239

Rectangle

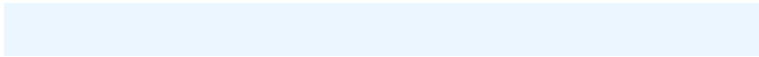
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1414, 0.3530, 0.3931



95.1414, 0.2945, 0.3743



95.1414, 0.2714, 0.2700



95.1414, 0.3284, 0.2893

Sweetspot

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



95.1457, 0.3530, 0.3931



98.3754, 0.3247, 0.3481



60.9604, 0.3675, 0.3268



20.9943, 0.3270, 0.3518



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

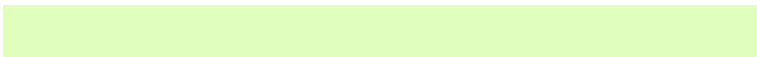
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1457, 0.3530, 0.3931



94.3009, 0.3619, 0.4071



90.9368, 0.3317, 0.3996



20.9943, 0.3270, 0.3518



46.0844, 0.4245, 0.5011



4.5146, 0.4239, 0.5016

Inverse Universe

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



54.7314, 0.2672, 0.2557



47.1160, 0.2556, 0.2368



58.2966, 0.2890, 0.2579



17.4627, 0.2978, 0.3051



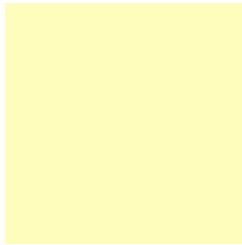
3.8939, 0.1505, 0.0617



0.4078, 0.1516, 0.0659

Previews

White Background



This preview shows how the Yxy color 95.1414, 0.3530, 0.3931 looks on a white background.

Color Contrast Check

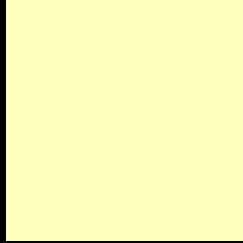
Large Text (above 18pt) WCAG AA × Fail

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 95.1414, 0.3530, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

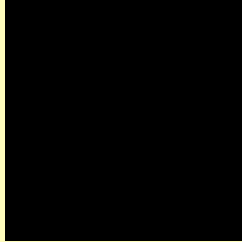
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1414, 0.3530, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 95.1414, 0.3530, 0.3931.



This preview shows how white text looks on a background with the Yxy color 95.1414, 0.3530, 0.3931.

Color Blindness Simulation

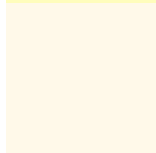
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



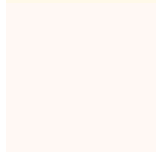
Original Color

95.1414, 0.3530, 0.3931



Protanopia

94.8946, 0.3262, 0.3446



Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

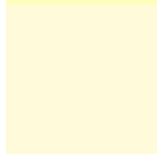
94.9373, 0.3137, 0.3223

Trichromacy



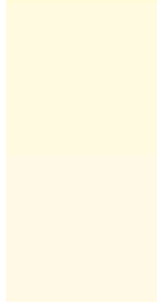
Original Color

95.1414, 0.3530, 0.3931



Protanomaly

94.6410, 0.3359, 0.3614



Deuteranomaly

95.0130, 0.3316, 0.3544

Tritanomaly

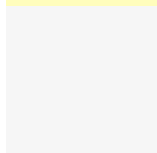
94.7245, 0.3280, 0.3475

Monochromacy



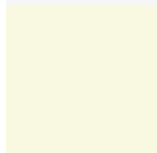
Original Color

95.1414, 0.3530, 0.3931



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 95.1414, 0.3530, 0.3931 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 188) }
```

Border

The CSS property to change the border of an element to Yxy 95.1414, 0.3530, 0.3931 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, 188) }
```

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

```
.border{ border-color:rgb(255, 253, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1414, 0.3530, 0.3931 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
253, 188) }
```

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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