

Converting Colors

$Y_{xy}(100.0000, 0.3659, 0.3675)$

Have a look what the booklet for
Yxy(100.0000, 0.3659, 0.3675)
contains.

Yxy(92.8510, 0.3430, 0.3705)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.8510, 0.3430, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8CE
RGB	255, 248, 206
RGB Percent	100%, 97%, 81%
CMY	0.0000, 0.0275, 0.1921
CMYK	0.00, 0.03, 0.19, 0.00
HSL	51°, 100%, 90%
HSV	51°, 19%, 100%
XYZ	85.9592, 92.8510, 71.7998
YIQ	245.3050, 17.6540, -11.5780

Conversions

Conversions Part 2

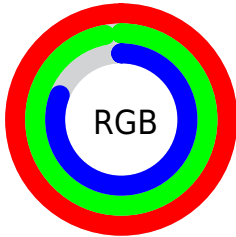
Format	Color
R _Y B	214, 255, 206
Decimal	16775374
CIE Lab	97.17, -4.26, 21.03
CIE LCh	97, 21.462, 101.453
Yxy	92.8510, 0.3430, 0.3705
Android (android.graphics.Color)	4294965454 (0xFFFFF8CE)
YUV	245.3050, -19.3774, 8.5025
Hunter-Lab	96.3592, -9.3940, 23.2729

Details

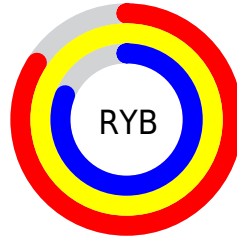
The Yxy color **92.8510, 0.3430, 0.3705** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.9505, 0.2811, 0.2838**, and the grayscale version is **91.7161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9720, 0.3490, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **89.4869, 0.3598, 0.3927**, and if you desaturate by 10%, it is **96.4556, 0.3268, 0.3485**.

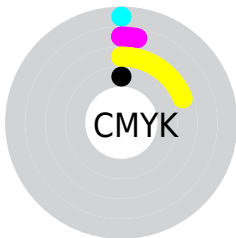
Distribution



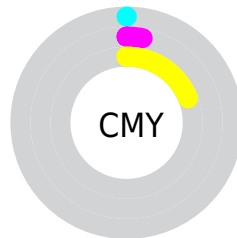
- Red (100%)
- Green (97%)
- Blue (81%)



- Red (84%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8510, 0.3430, 0.3705 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 92.8510, 0.3430, 0.3705 by changing the saturation by 10% instead.


 92.8510, 0.3430,
0.3705

 92.8510, 0.3430,
0.3705

537.2621, 0.3297,
0.3520

 70.3477, 0.3459,
0.3746

151.2923, 0.3385,
0.3642

 51.8100, 0.3493,
0.3795

187.9991, 0.3367,
0.3617

 36.8537, 0.3536,
0.3856


230.2091, 0.3352,
0.3596

 25.0942, 0.3589,
0.3933

278.3068, 0.3338,
0.3577

 16.1473, 0.3658,
0.4035

332.6765, 0.3326,
0.3560

 9.6284, 0.3749,
0.4173

393.7027, 0.3315,

 5.1533, 0.3874,

0.3545

0.4369

461.7698, 0.3306,
0.3532

■ 2.3375, 0.4086,
0.4708

■ 0.7934, 0.4504,
0.5496

■ 92.8510, 0.3430,
0.3705

■ 92.8510, 0.3430,
0.3705

■ 89.4869, 0.3598,
0.3927

■ 96.4556, 0.3268,
0.3485

■ 86.3598, 0.3767,
0.4143

100.0000, 0.3127,
0.3290

■ 83.4569, 0.3933,
0.4345

■ 80.7664, 0.4087,
0.4522

■ 78.2752, 0.4223,
0.4664

■ 75.9685, 0.4334,
0.4764

■ 73.8287, 0.4416,
0.4817

■ 71.8294, 0.4472,
0.4828

■ 71.6740, 0.4476,
0.4828

Harmonies

Analogous

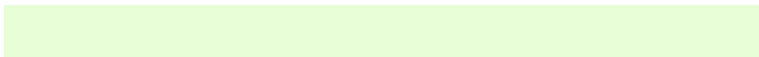
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8510, 0.3573, 0.3606



92.8510, 0.3430, 0.3705



92.8510, 0.3209, 0.3689

Triad

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



92.8510, 0.3430, 0.3705



92.8510, 0.2683, 0.3121



92.8510, 0.3274, 0.3047

Complementary

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



92.8510, 0.3430, 0.3705



67.9505, 0.2811, 0.2838

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.



92.8510, 0.3032, 0.2927



92.8510, 0.3430, 0.3705



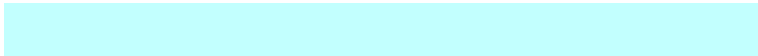
92.8510, 0.2698, 0.2961

Square

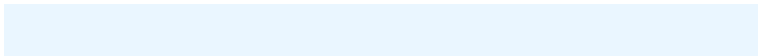
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.8510, 0.3430, 0.3705



92.8510, 0.2781, 0.3339



92.8510, 0.2823, 0.2894



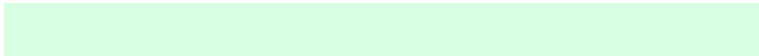
92.8510, 0.3482, 0.3228

Rectangle

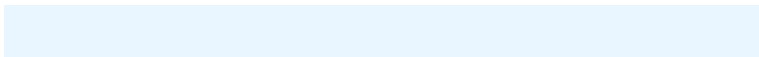
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.8510, 0.3430, 0.3705



92.8510, 0.3048, 0.3610



92.8510, 0.2823, 0.2894



92.8510, 0.3194, 0.2999

Sweetspot

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



92.8489, 0.3430, 0.3705



97.6649, 0.3218, 0.3417



70.2385, 0.3451, 0.3216



20.8511, 0.3228, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

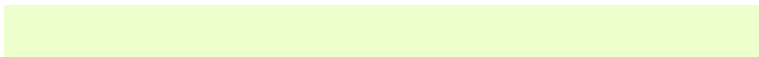
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8489, 0.3430, 0.3705



91.5448, 0.3493, 0.3789



94.1303, 0.3305, 0.3788



20.6216, 0.3273, 0.3492



37.6209, 0.4471, 0.4832



3.7790, 0.4434, 0.4861

Inverse Universe

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



67.9505, 0.2811, 0.2838



62.5411, 0.2742, 0.2736



67.0901, 0.2923, 0.2778



17.7968, 0.2979, 0.3080



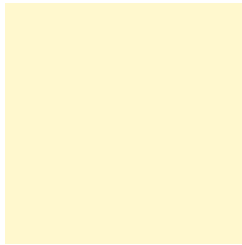
4.5730, 0.1531, 0.0712



0.5653, 0.1577, 0.0876

Previews

White Background



This preview shows how the Yxy color 92.8510, 0.3430, 0.3705 looks on a white background.

Color Contrast Check

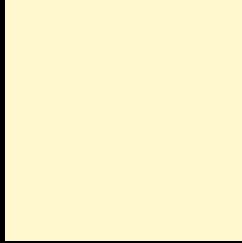
Large Text (above 18pt) WCAG AA × Fail

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 92.8510, 0.3430, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

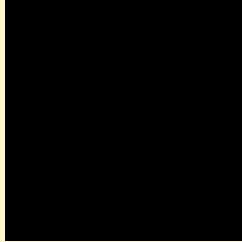
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8510, 0.3430, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 92.8510, 0.3430, 0.3705.

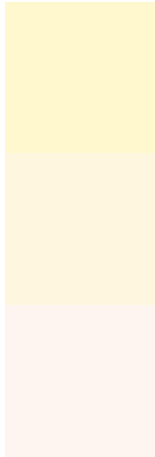


This preview shows how white text looks on a background with the Yxy color 92.8510, 0.3430, 0.3705.

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

92.8510, 0.3430, 0.3705

Protanopia

92.5534, 0.3320, 0.3506

Deuteranopia

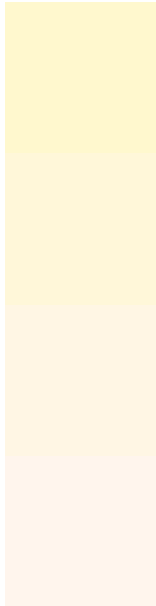
92.8561, 0.3222, 0.3339



Tritanopia

93.1171, 0.3138, 0.3194

Trichromacy



Original Color

92.8510, 0.3430, 0.3705

Protanomaly

92.7913, 0.3363, 0.3586

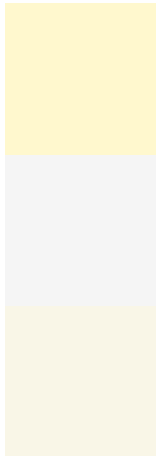
Deuteranomaly

92.7730, 0.3296, 0.3466

Tritanomaly

92.6792, 0.3241, 0.3368

Monochromacy



Original Color

92.8510, 0.3430, 0.3705

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.8208, 0.3237, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8510, 0.3430, 0.3705 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, 248, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 206)  
}
```

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, 248, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 206) }
```

Border

The CSS property to change the border of an element to Yxy 92.8510, 0.3430, 0.3705 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, 248, 206) }
```

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

```
.border{ border-color:rgb(255, 248, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8510, 0.3430, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 206) }
```

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

```
.background{ background-color: rgb(255,  
248, 206) }
```

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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