

Converting Colors

$Y_{xy}(115.7449, 0.4159, 0.3753)$

Have a look what the booklet for
Yxy(115.7449, 0.4159, 0.3753)
contains.

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Color

Yxy(93.3489, 0.3525, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	FFFABE
RGB	255, 250, 190
RGB Percent	100%, 98%, 75%
CMY	0.0000, 0.0196, 0.2549
CMYK	0.00, 0.02, 0.25, 0.00
HSL	55°, 100%, 87%
HSV	55°, 25%, 100%
XYZ	84.7206, 93.3489, 62.2727
YIQ	244.6550, 22.2400, -17.6000

Conversions

Conversions Part 2

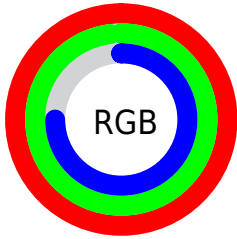
Format	Color
R _Y B	195, 255, 190
Decimal	16775870
CIE Lab	97.37, -7.47, 29.45
CIE LCh	97, 30.382, 104.224
Yxy	93.3489, 0.3525, 0.3884
Android (android.graphics.Color)	4294965950 (0xFFFFFABE)
YUV	244.6550, -26.9449, 9.0726
Hunter-Lab	96.6172, -12.5591, 29.4179

Details

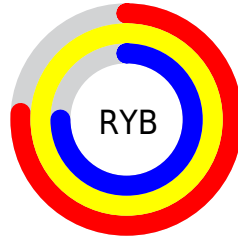
The Yxy color **93.3489, 0.3525, 0.3884** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.2007, 0.2691, 0.2617**, and the grayscale version is **91.2291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **52.3669, 0.3609, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **91.1220, 0.3685, 0.4117**, and if you desaturate by 10%, it is **95.7916, 0.3365, 0.3647**.

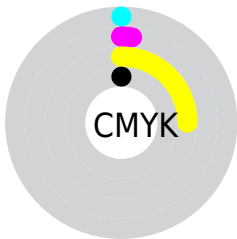
Distribution



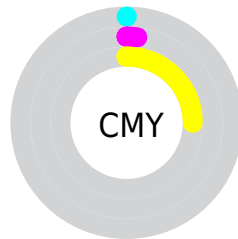
- Red (100%)
- Green (98%)
- Blue (75%)



- Red (76%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3489, 0.3525, 0.3884 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 93.3489, 0.3525, 0.3884 by changing the saturation by 10% instead.

 93.3489, 0.3525,
0.3884

 93.3489, 0.3525,
0.3884

538.8655, 0.3353,
0.3619

 70.7615, 0.3561,
0.3942


 151.9816, 0.3467,
0.3794

 52.1476, 0.3605,
0.4012


188.7956, 0.3444,
0.3759

 37.1227, 0.3658,
0.4099

231.1208, 0.3424,
0.3728

 25.3025, 0.3723,
0.4208

279.3413, 0.3407,
0.3701

 16.3026, 0.3804,
0.4350

333.8416, 0.3391,
0.3677

 9.7385, 0.3908,
0.4539

395.0062, 0.3377,

 5.2259, 0.4037,

0.3655

0.4799

463.2194, 0.3364,
0.3636

■ 2.3804, 0.4439,
0.5481

■ 0.8158, 0.4210,
0.5790

■ 93.3489, 0.3525,
0.3884

■ 93.3489, 0.3525,
0.3884

■ 91.1220, 0.3685,
0.4117

■ 95.7916, 0.3365,
0.3647

■ 89.0886, 0.3840,
0.4336

■ 98.4475, 0.3209,
0.3414

■ 87.2417, 0.3982,
0.4533

100.0000, 0.3127,
0.3290

■ 85.5688, 0.4106,
0.4697

■ 84.0561, 0.4206,
0.4820

■ 82.6874, 0.4278,
0.4898

■ 81.4427, 0.4323,
0.4932

■ 80.9084, 0.4337,
0.4938

Harmonies

Analogous

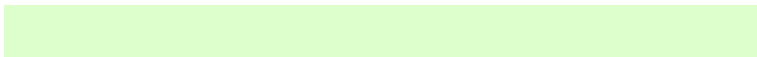
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3489, 0.3745, 0.3747



93.3489, 0.3525, 0.3884



93.3489, 0.3205, 0.3852

Triad

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



93.3489, 0.3525, 0.3884



93.3489, 0.2503, 0.3020



93.3489, 0.3363, 0.2972

Complementary

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



93.3489, 0.3525, 0.3884



57.2007, 0.2691, 0.2617

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.



93.3489, 0.3020, 0.2798



93.3489, 0.3525, 0.3884



93.3489, 0.2539, 0.2811

Square

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



93.3489, 0.3525, 0.3884



93.3489, 0.2623, 0.3325



93.3489, 0.2723, 0.2737



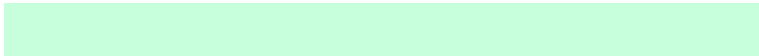
93.3489, 0.3653, 0.3224

Rectangle

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



93.3489, 0.3525, 0.3884



93.3489, 0.2981, 0.3728



93.3489, 0.2723, 0.2737



93.3489, 0.3250, 0.2904

Sweetspot

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



93.3530, 0.3525, 0.3884



97.7589, 0.3248, 0.3472



62.0508, 0.3626, 0.3235



20.8377, 0.3271, 0.3507



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

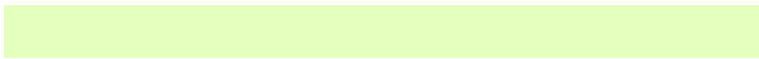
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3530, 0.3525, 0.3884



92.0978, 0.3614, 0.4013



91.7192, 0.3333, 0.3969



20.8377, 0.3271, 0.3507



42.3769, 0.4335, 0.4940



4.1943, 0.4317, 0.4954

Inverse Universe

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



57.2007, 0.2691, 0.2617



49.9103, 0.2582, 0.2446



58.8167, 0.2875, 0.2597



17.6019, 0.2978, 0.3063



4.1057, 0.1513, 0.0647



0.4737, 0.1542, 0.0752

Previews

White Background



This preview shows how the Yxy color 93.3489, 0.3525, 0.3884 looks on a white background.

Color Contrast Check

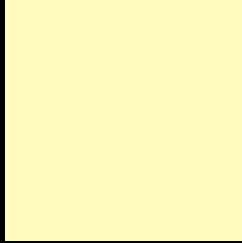
Large Text (above 18pt) WCAG AA × Fail

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 93.3489, 0.3525, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

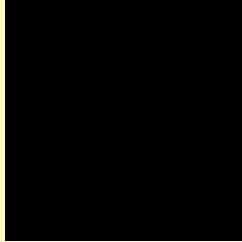
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.3489, 0.3525, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 93.3489, 0.3525, 0.3884.

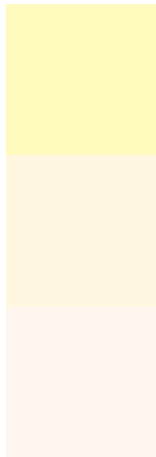


This preview shows how white text looks on a background with the Yxy color 93.3489, 0.3525, 0.3884.

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

93.3489, 0.3525, 0.3884

Protanopia

93.1633, 0.3319, 0.3516

Deuteranopia

93.4035, 0.3228, 0.3358



Tritanopia

93.0532, 0.3144, 0.3204

Trichromacy



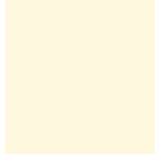
Original Color

93.3489, 0.3525, 0.3884



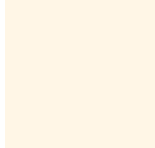
Protanomaly

93.1483, 0.3393, 0.3645



Deuteranomaly

93.0020, 0.3338, 0.3546



Tritanomaly

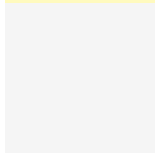
92.8847, 0.3283, 0.3447

Monochromacy



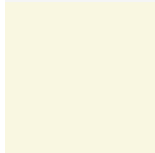
Original Color

93.3489, 0.3525, 0.3884



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.0975, 0.3273, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3489, 0.3525, 0.3884 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, 250, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 190)  
}
```

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, 250, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 190) }
```

Border

The CSS property to change the border of an element to Yxy 93.3489, 0.3525, 0.3884 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, 250, 190) }
```

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

```
.border{ border-color:rgb(255, 250, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3489, 0.3525, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 190) }
```

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

```
.background{ background-color: rgb(255,  
250, 190) }
```

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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