

Converting Colors

$Yxy(94.5453, 0.3403, 0.3747)$

Have a look what the booklet for
Yxy(94.5453, 0.3403, 0.3747)
contains.

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Color

Yxy(94.7725, 0.3403, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCCE
RGB	252, 252, 206
RGB Percent	99%, 99%, 81%
CMY	0.0117, 0.0117, 0.1923
CMYK	0.00, 0.00, 0.18, 0.01
HSL	60°, 88%, 90%
HSV	60°, 18%, 99%
XYZ	86.0947, 94.7725, 72.1293
YIQ	246.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

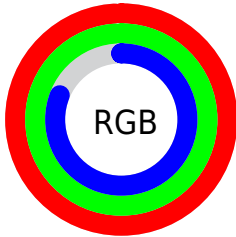
Format	Color
R _Y B	206, 252, 206
Decimal	16579790
CIE Lab	97.94, -7.35, 22.11
CIE LCh	98, 23.295, 108.390
Yxy	94.7725, 0.3403, 0.3746
Android (android.graphics.Color)	4294769870 (0xFFFCFCCE)
YUV	246.7560, -20.0927, 4.5990
Hunter-Lab	97.3512, -12.5040, 24.2167

Details

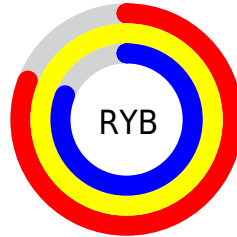
The Yxy color **94.7725, 0.3403, 0.3746** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.2764, 0.2824, 0.2789**, and the grayscale version is **92.9624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8993, 0.3456, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **93.6486, 0.3556, 0.3999**, and if you desaturate by 10%, it is **96.1012, 0.3250, 0.3494**.

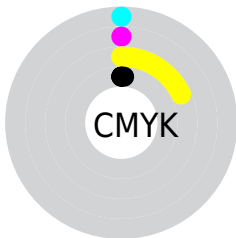
Distribution



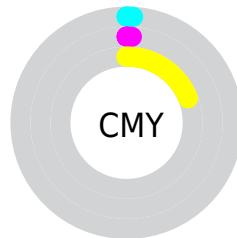
- Red (99%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7725, 0.3403, 0.3746 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 94.7725, 0.3403, 0.3746 by changing the saturation by 10% instead.


 94.7725, 0.3403,
0.3746

 94.7725, 0.3403,
0.3746


543.4364, 0.3283,
0.3542

 71.9456, 0.3429,
0.3791

153.9503, 0.3363,
0.3677

 53.1143, 0.3459,
0.3845

191.0700, 0.3347,
0.3649

 37.8940, 0.3497,
0.3912


233.7227, 0.3333,
0.3626

 25.9004, 0.3543,
0.3998

282.2930, 0.3321,
0.3605

 16.7492, 0.3603,
0.4110

337.1650, 0.3310,
0.3587

 10.0558, 0.3680,
0.4263

398.7234, 0.3300,

 5.4360, 0.3784,

0.3570

0.4483

467.3524, 0.3291,
0.3556

■ 2.5053, 0.3952,
0.4853

■ 0.8793, 0.4274,
0.5726

■ 94.7725, 0.3403,
0.3746

■ 94.7725, 0.3403,
0.3746

■ 93.6486, 0.3556,
0.3999

■ 96.1012, 0.3250,
0.3494

■ 92.7075, 0.3703,
0.4242


■ 97.5419, 0.3110,
0.3261


■ 91.9433, 0.3840,
0.4468


■ 97.5419, 0.3110,
0.3261

■ 91.3450, 0.3959,
0.4665


■ 97.5420, 0.3110,
0.3261


 90.9002, 0.4055,
0.4825


 97.5420, 0.3110,
0.3261


 90.5951, 0.4126,
0.4942


 97.5421, 0.3110,
0.3261

 90.4129, 0.4170,
0.5015

 97.5421, 0.3110,
0.3261

 90.3309, 0.4191,
0.5049

 97.5422, 0.3110,
0.3261

 90.3213, 0.4193,
0.5053

 97.5423, 0.3110,
0.3261

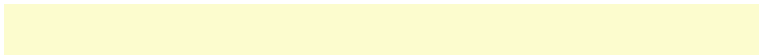
Harmonies

Analogous

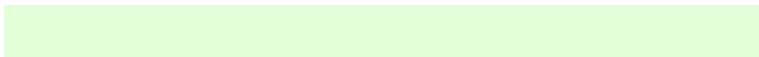
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7725, 0.3583, 0.3663



94.7725, 0.3403, 0.3746



94.7725, 0.3154, 0.3698

Triad

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



94.7725, 0.3403, 0.3746



94.7725, 0.2642, 0.3060



94.7725, 0.3343, 0.3070

Complementary

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



94.7725, 0.3403, 0.3746



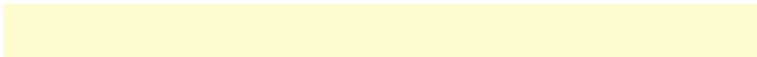
64.2764, 0.2824, 0.2789

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.



94.7725, 0.3084, 0.2922



94.7725, 0.3403, 0.3746



94.7725, 0.2687, 0.2909

Square

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



94.7725, 0.3403, 0.3746



94.7725, 0.2720, 0.3286



94.7725, 0.2845, 0.2863



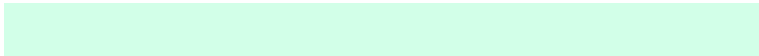
94.7725, 0.3550, 0.3272

Rectangle

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



94.7725, 0.3403, 0.3746



94.7725, 0.2984, 0.3594



94.7725, 0.2845, 0.2863



94.7725, 0.3259, 0.3012

Sweetspot

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



94.7767, 0.3403, 0.3746



99.2058, 0.3201, 0.3412



69.3187, 0.3478, 0.3283



21.2112, 0.3212, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

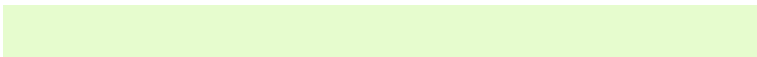
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7767, 0.3403, 0.3746



96.8988, 0.3460, 0.3841



90.8629, 0.3256, 0.3768



20.1908, 0.3269, 0.3524



47.0465, 0.4193, 0.5053



4.3573, 0.4193, 0.5053

Inverse Universe

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



64.2764, 0.2824, 0.2789



60.1494, 0.2754, 0.2672



67.6888, 0.2978, 0.2811



16.6431, 0.2979, 0.3045



3.6611, 0.1500, 0.0600



0.3391, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 94.7725, 0.3403, 0.3746 looks on a white background.

Color Contrast Check

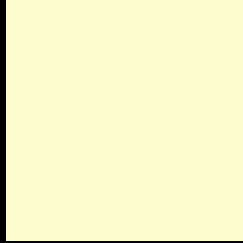
Large Text (above 18pt) WCAG AA × Fail

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 94.7725, 0.3403, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

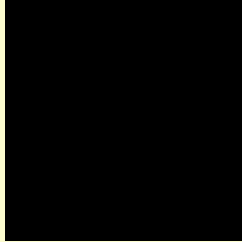
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7725, 0.3403, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 94.7725, 0.3403, 0.3746.

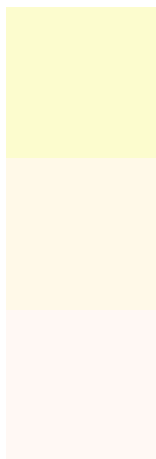


This preview shows how white text looks on a background with the Yxy color 94.7725, 0.3403, 0.3746.

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

94.7725, 0.3403, 0.3746

Protanopia

94.8376, 0.3268, 0.3456

Deuteranopia

94.9265, 0.3196, 0.3329



Tritanopia

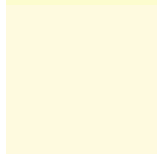
94.6242, 0.3118, 0.3213

Trichromacy



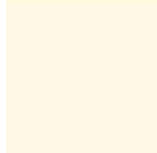
Original Color

94.7725, 0.3403, 0.3746



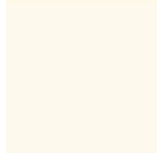
Protanomaly

94.7698, 0.3315, 0.3555



Deuteranomaly

94.5354, 0.3273, 0.3476



Tritanomaly

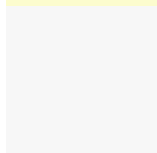
94.7484, 0.3224, 0.3407

Monochromacy



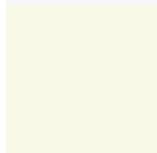
Original Color

94.7725, 0.3403, 0.3746



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.7173, 0.3229, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7725, 0.3403, 0.3746 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(252, 252, 206)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 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(252, 252, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 206) }
```

Border

The CSS property to change the border of an element to Yxy 94.7725, 0.3403, 0.3746 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(252, 252, 206) }
```

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

```
.border{ border-color:rgb(252, 252, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 206);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7725, 0.3403, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 206) }
```

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

```
.background{ background-color: rgb(252,  
252, 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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