

Converting Colors

$Yxy(94.9207, 0.3415, 0.3767)$

Have a look what the booklet for
Yxy(94.9207, 0.3415, 0.3767)
contains.

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Color

Yxy(94.6759, 0.3415, 0.3766)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCCC
RGB	252, 252, 204
RGB Percent	99%, 99%, 80%
CMY	0.0118, 0.0117, 0.2000
CMYK	0.00, 0.00, 0.19, 0.01
HSL	60°, 89%, 89%
HSV	60°, 19%, 99%
XYZ	85.8519, 94.6759, 70.8687
YIQ	246.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

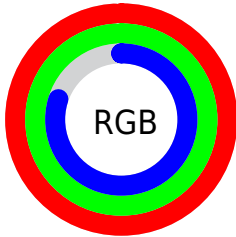
Format	Color
R_{YB}	204, 252, 204
Decimal	16579788
CIE _{Lab}	97.90, -7.64, 23.06
CIE _{LCh}	98, 24.293, 108.325
Yxy	94.6759, 0.3415, 0.3766
Android (android.graphics.Color)	4294769868 (0xFFFCFCCC)
YUV	246.5280, -20.9663, 4.7989
Hunter-Lab	97.3015, -12.7821, 24.9278

Details

The Yxy color **94.6759, 0.3415, 0.3766** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.0478, 0.2810, 0.2765**, and the grayscale version is **92.7742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8343, 0.3471, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **93.5658, 0.3567, 0.4018**, and if you desaturate by 10%, it is **95.9900, 0.3262, 0.3513**.

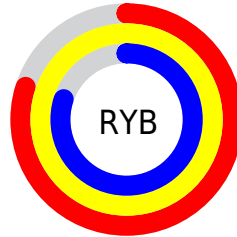
Distribution



Red (99%)

Green (99%)

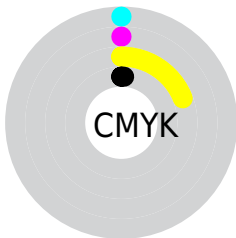
Blue (80%)



Red (80%)

Yellow (99%)

Blue (80%)

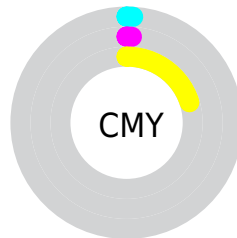


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (1%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6759, 0.3415, 0.3766 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 94.6759, 0.3415, 0.3766 by changing the saturation by 10% instead.


 94.6759, 0.3415,
0.3766

 94.6759, 0.3415,
0.3766

543.1269, 0.3290,
0.3553

 71.8653, 0.3442,
0.3813


153.8168, 0.3373,
0.3694

 53.0486, 0.3473,
0.3869


190.9158, 0.3357,
0.3665

 37.8416, 0.3512,
0.3940


233.5464, 0.3342,
0.3640

 25.8598, 0.3561,
0.4029


282.0930, 0.3329,
0.3619

 16.7188, 0.3622,
0.4146

336.9399, 0.3318,
0.3600

 10.0342, 0.3702,
0.4306

398.4716, 0.3308,

 5.4216, 0.3808,

0.3582

467.0725, 0.3298,
0.3567

0.4533

2.4967, 0.3990,
0.4932

0.8750, 0.4244,
0.5756

94.6759, 0.3415,
0.3766

94.6759, 0.3415,
0.3766

93.5658, 0.3567,
0.4018

95.9900, 0.3262,
0.3513

92.6378, 0.3714,
0.4261


97.5044, 0.3113,
0.3267

91.8858, 0.3849,
0.4485

97.5448, 0.3110,
0.3261


91.2988, 0.3967,
0.4679

97.5461, 0.3110,
0.3261


 90.8644, 0.4062,
0.4836


 97.5474, 0.3110,
0.3261


 90.5683, 0.4130,
0.4949


 97.5486, 0.3110,
0.3261


 90.3938, 0.4172,
0.5019

 97.5499, 0.3110,
0.3261

 90.3159, 0.4191,
0.5051

 97.5512, 0.3110,
0.3261

 90.3106, 0.4193,
0.5053

 97.5525, 0.3110,
0.3261

Harmonies

Analogous

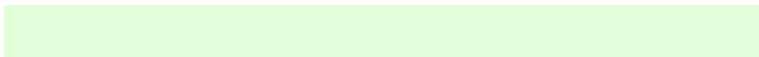
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6759, 0.3602, 0.3679



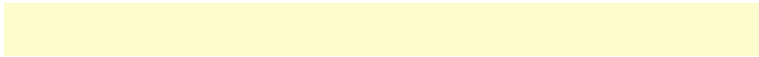
94.6759, 0.3415, 0.3766



94.6759, 0.3155, 0.3717

Triad

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



94.6759, 0.3415, 0.3766



94.6759, 0.2622, 0.3050



94.6759, 0.3352, 0.3060

Complementary

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



94.6759, 0.3415, 0.3766



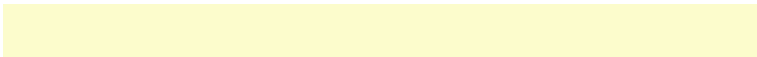
63.0478, 0.2810, 0.2765

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.



94.6759, 0.3081, 0.2907



94.6759, 0.3415, 0.3766



94.6759, 0.2668, 0.2893

Square

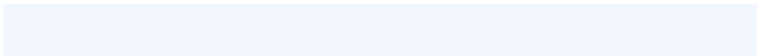
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



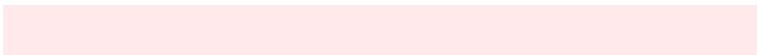
94.6759, 0.3415, 0.3766



94.6759, 0.2703, 0.3286



94.6759, 0.2832, 0.2845



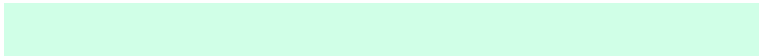
94.6759, 0.3568, 0.3271

Rectangle

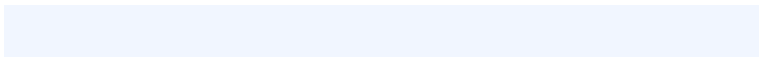
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.6759, 0.3415, 0.3766



94.6759, 0.2978, 0.3608



94.6759, 0.2832, 0.2845



94.6759, 0.3264, 0.3001

Sweetspot

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



94.6801, 0.3415, 0.3766



99.0527, 0.3216, 0.3437



68.2373, 0.3503, 0.3291



21.1803, 0.3226, 0.3453



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

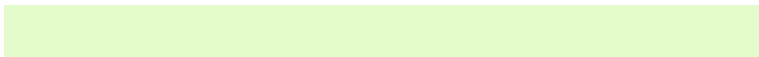
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6801, 0.3415, 0.3766



96.7784, 0.3476, 0.3866



90.4794, 0.3256, 0.3791



20.1905, 0.3269, 0.3524



47.0402, 0.4193, 0.5053



4.3568, 0.4193, 0.5053

Inverse Universe

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



63.0478, 0.2810, 0.2765



58.6428, 0.2734, 0.2640



66.7038, 0.2976, 0.2790



16.6433, 0.2979, 0.3045



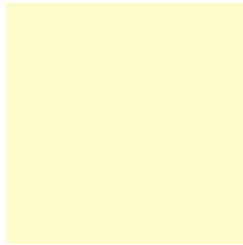
3.6614, 0.1500, 0.0600



0.3392, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 94.6759, 0.3415, 0.3766 looks on a white background.

Color Contrast Check

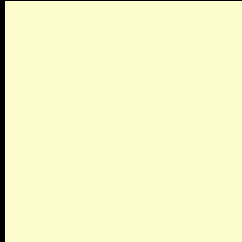
Large Text (above 18pt) WCAG AA × Fail

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 94.6759, 0.3415, 0.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

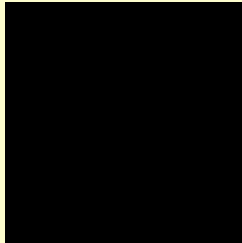
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.6759, 0.3415, 0.3766

Background



This preview shows how black text looks on a background with the Yxy color 94.6759, 0.3415, 0.3766.

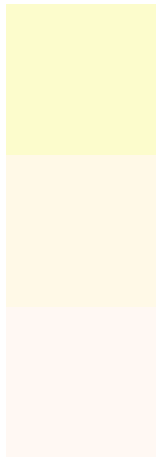


This preview shows how white text looks on a background with the Yxy color 94.6759, 0.3415, 0.3766.

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

94.6759, 0.3415, 0.3766

Protanopia

94.7809, 0.3274, 0.3466

Deuteranopia

94.8659, 0.3202, 0.3338



Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



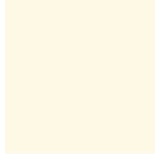
Original Color

94.6759, 0.3415, 0.3766



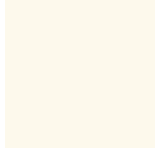
Protanomaly

94.6625, 0.3327, 0.3575



Deuteranomaly

94.4793, 0.3280, 0.3486



Tritanomaly

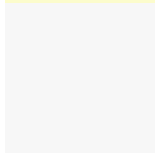
94.6901, 0.3230, 0.3417

Monochromacy



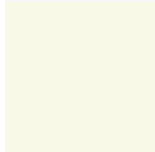
Original Color

94.6759, 0.3415, 0.3766



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.6606, 0.3235, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6759, 0.3415, 0.3766 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 204) }
```

Border

The CSS property to change the border of an element to Yxy 94.6759, 0.3415, 0.3766 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, 204) }
```

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

```
.border{ border-color:rgb(252, 252, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 204);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6759, 0.3415, 0.3766 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, 204) }
```

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

```
.background{ background-color: rgb(252,  
252, 204) }
```

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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