

Converting Colors

$Y_{xy}(110.3755, 0.3902, 0.3643)$

Have a look what the booklet for
Yxy(110.3755, 0.3902, 0.3643)
contains.

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Color

Yxy(94.1362, 0.3420, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	FFFACF
RGB	255, 250, 207
RGB Percent	100%, 98%, 81%
CMY	0.0001, 0.0196, 0.1882
CMYK	0.00, 0.02, 0.19, 0.00
HSL	54°, 100%, 91%
HSV	54°, 19%, 100%
XYZ	86.6844, 94.1362, 72.6425
YIQ	246.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

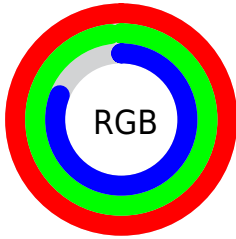
Format	Color
R _Y B	213, 255, 207
Decimal	16775887
CIE Lab	97.69, -5.15, 21.25
CIE LCh	98, 21.867, 103.611
Yxy	94.1362, 0.3420, 0.3714
Android (android.graphics.Color)	4294965967 (0xFFFFFACF)
YUV	246.5930, -19.5193, 7.3729
Hunter-Lab	97.0238, -10.3137, 23.5258

Details

The Yxy color **94.1362, 0.3420, 0.3714** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.5676, 0.2817, 0.2827**, and the grayscale version is **92.8170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8892, 0.3477, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **91.3612, 0.3584, 0.3944**, and if you desaturate by 10%, it is **97.1440, 0.3261, 0.3485**.

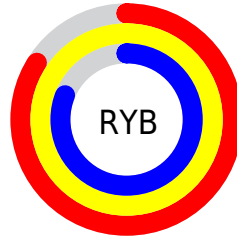
Distribution



Red (100%)

Green (98%)

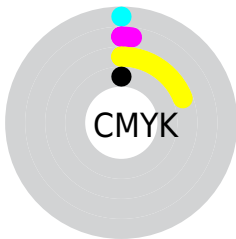
Blue (81%)



Red (84%)

Yellow (100%)

Blue (81%)

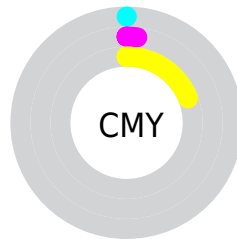


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1362, 0.3420, 0.3714 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 94.1362, 0.3420, 0.3714 by changing the saturation by 10% instead.


 94.1362, 0.3420,
0.3714

 94.1362, 0.3420,
0.3714


541.3959, 0.3292,
0.3525

 71.4162, 0.3447,
0.3755


153.0707, 0.3377,
0.3650

 52.6820, 0.3481,
0.3806


190.0540, 0.3360,
0.3625

 37.5489, 0.3521,
0.3868


232.5606, 0.3345,
0.3603

 25.6328, 0.3572,
0.3947

280.9748, 0.3332,
0.3583

 16.5491, 0.3637,
0.4050

335.6810, 0.3320,
0.3566

 9.9136, 0.3723,
0.4191

397.0637, 0.3310,

 5.3417, 0.3841,

0.3551

0.4391

465.5072, 0.3300,
0.3537

■ 2.4491, 0.4029,
0.4724

■ 0.8510, 0.4453,
0.5547

■ 94.1362, 0.3420,
0.3714

■ 94.1362, 0.3420,
0.3714

■ 91.3612, 0.3584,
0.3944

■ 97.1440, 0.3261,
0.3485

■ 88.7967, 0.3747,
0.4169

99.9965, 0.3127,
0.3290

■ 86.4363, 0.3904,
0.4378

■ 84.2685, 0.4048,
0.4561

■ 82.2805, 0.4172,
0.4710

■ 80.4577, 0.4271,
0.4815

■ 78.7827, 0.4342,
0.4875

■ 77.2305, 0.4387,
0.4894

■ 77.0502, 0.4392,
0.4895

Harmonies

Analogous

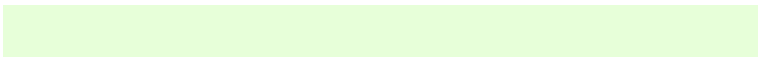
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1362, 0.3573, 0.3620



94.1362, 0.3420, 0.3714



94.1362, 0.3192, 0.3689

Triad

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



94.1362, 0.3420, 0.3714



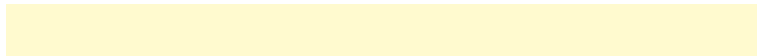
94.1362, 0.2674, 0.3104



94.1362, 0.3293, 0.3056

Complementary

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



94.1362, 0.3420, 0.3714



67.5676, 0.2817, 0.2827

Split Complementary

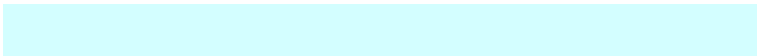
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1362, 0.3048, 0.2928



94.1362, 0.3420, 0.3714



94.1362, 0.2697, 0.2948

Square

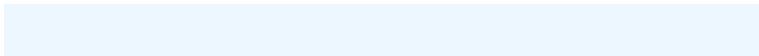
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.1362, 0.3420, 0.3714



94.1362, 0.2765, 0.3323



94.1362, 0.2832, 0.2887



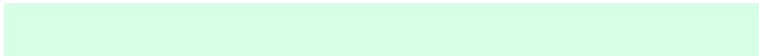
94.1362, 0.3500, 0.3242

Rectangle

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



94.1362, 0.3420, 0.3714



94.1362, 0.3030, 0.3603



94.1362, 0.2832, 0.2887



94.1362, 0.3212, 0.3005

Sweetspot

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



94.1404, 0.3420, 0.3714



98.0460, 0.3217, 0.3422



70.6750, 0.3455, 0.3234



20.9414, 0.3228, 0.3437



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

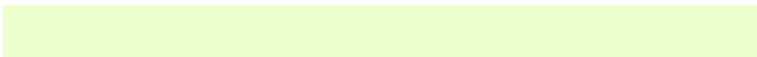
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1404, 0.3420, 0.3714



92.9645, 0.3488, 0.3811



93.9491, 0.3290, 0.3779



20.7500, 0.3272, 0.3501



40.3973, 0.4388, 0.4898



4.0221, 0.4363, 0.4918

Inverse Universe

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



67.5676, 0.2817, 0.2827



61.4450, 0.2740, 0.2710



67.9253, 0.2939, 0.2791



17.6805, 0.2979, 0.3070



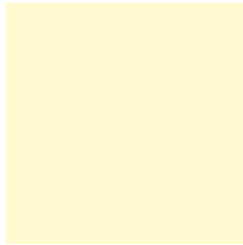
4.2666, 0.1520, 0.0670



0.5107, 0.1557, 0.0803

Previews

White Background



This preview shows how the Yxy color 94.1362, 0.3420, 0.3714 looks on a white background.

Color Contrast Check

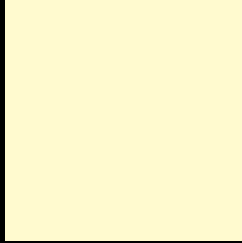
Large Text (above 18pt) WCAG AA × Fail

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 94.1362, 0.3420, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

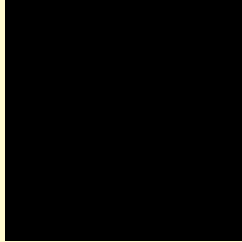
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.1362, 0.3420, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 94.1362, 0.3420, 0.3714.

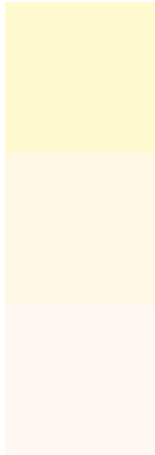


This preview shows how white text looks on a background with the Yxy color 94.1362, 0.3420, 0.3714.

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

94.1362, 0.3420, 0.3714

Protanopia

94.1080, 0.3281, 0.3466

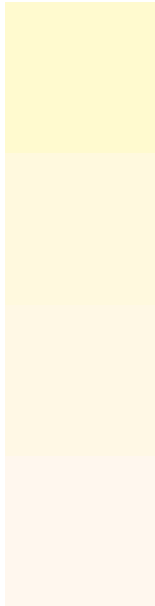
Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

94.3915, 0.3131, 0.3204

Trichromacy



Original Color

94.1362, 0.3420, 0.3714

Protanomaly

94.2853, 0.3329, 0.3555

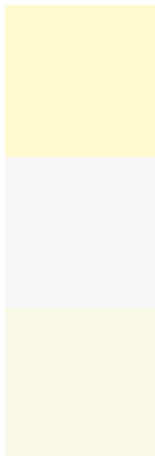
Deuteranomaly

94.0519, 0.3287, 0.3476

Tritanomaly

93.9546, 0.3233, 0.3378

Monochromacy



Original Color

94.1362, 0.3420, 0.3714

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.2850, 0.3236, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1362, 0.3420, 0.3714 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 207) }
```

Border

The CSS property to change the border of an element to Yxy 94.1362, 0.3420, 0.3714 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, 207) }
```

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

```
.border{ border-color:rgb(255, 250, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1362, 0.3420, 0.3714 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
250, 207) }
```

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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