

Converting Colors

$Y_{xy}(111.4243, 0.3910, 0.3643)$

Have a look what the booklet for
Yxy(111.4243, 0.3910, 0.3643)
contains.

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Color

Yxy(94.8084, 0.3412, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBD0
RGB	255, 251, 208
RGB Percent	100%, 98%, 82%
CMY	0.0001, 0.0157, 0.1841
CMYK	0.00, 0.02, 0.18, 0.00
HSL	55°, 100%, 91%
HSV	55°, 18%, 100%
XYZ	87.1226, 94.8084, 73.4108
YIQ	247.2940, 16.1870, -12.5250

Conversions

Conversions Part 2

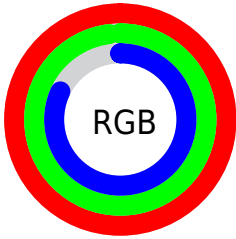
Format	Color
RYB	212, 255, 208
Decimal	16776144
CIELab	97.96, -5.49, 21.10
CIELCh	98, 21.807, 104.591
Yxy	94.8084, 0.3412, 0.3713
Android (android.graphics.Color)	4294966224 (0xFFFFFBD0)
YUV	247.2940, -19.3719, 6.7582
Hunter-Lab	97.3696, -10.6818, 23.4577

Details

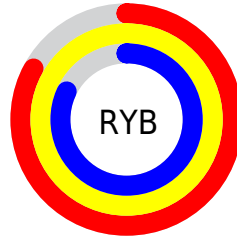
The Yxy color **94.8084, 0.3412, 0.3713** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.7348, 0.2824, 0.2829**, and the grayscale version is **93.4180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3359, 0.3474, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **92.3137, 0.3573, 0.3948**, and if you desaturate by 10%, it is **97.5287, 0.3254, 0.3480**.

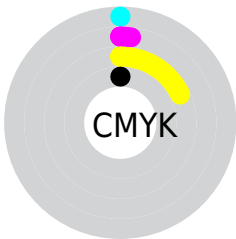
Distribution



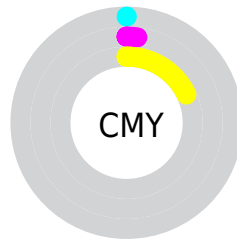
- Red (100%)
- Green (98%)
- Blue (82%)



- Red (83%)
- Yellow (100%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8084, 0.3412, 0.3713 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 94.8084, 0.3412, 0.3713 by changing the saturation by 10% instead.


 94.8084, 0.3412,
0.3713

 94.8084, 0.3412,
0.3713


543.5514, 0.3288,
0.3525

 71.9755, 0.3439,
0.3754


153.9999, 0.3370,
0.3649

 53.1387, 0.3471,
0.3804


191.1273, 0.3354,
0.3624

 37.9135, 0.3510,
0.3866


233.7883, 0.3339,
0.3602

 25.9156, 0.3559,
0.3945

282.3673, 0.3326,
0.3583

 16.7605, 0.3622,
0.4048

337.2487, 0.3315,
0.3566

 10.0639, 0.3705,
0.4188

398.8169, 0.3305,

 5.4413, 0.3818,

0.3551

0.4388

467.4564, 0.3296,
0.3537

■ 2.5085, 0.3993,
0.4712

■ 0.8809, 0.4439,
0.5561

■ 94.8084, 0.3412,
0.3713

■ 94.8084, 0.3412,
0.3713

■ 92.3137, 0.3573,
0.3948

■ 97.5287, 0.3254,
0.3480

■ 90.0223, 0.3734,
0.4176

99.9973, 0.3127,
0.3290

■ 87.9279, 0.3887,
0.4389

■ 86.0192, 0.4027,
0.4576

■ 84.2834, 0.4147,
0.4728

■ 82.7060, 0.4241,
0.4837

■ 81.2699, 0.4307,
0.4901

■ 79.9511, 0.4348,
0.4924

■ 79.7469, 0.4353,
0.4926

Harmonies

Analogous

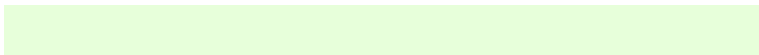
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8084, 0.3567, 0.3623



94.8084, 0.3412, 0.3713



94.8084, 0.3184, 0.3683

Triad

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



94.8084, 0.3412, 0.3713



94.8084, 0.2675, 0.3099



94.8084, 0.3300, 0.3062

Complementary

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



94.8084, 0.3412, 0.3713



67.7348, 0.2824, 0.2829

Split Complementary

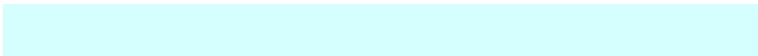
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8084, 0.3056, 0.2932



94.8084, 0.3412, 0.3713



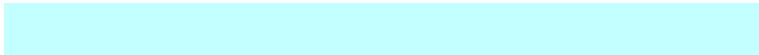
94.8084, 0.2702, 0.2946

Square

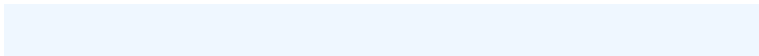
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.8084, 0.3412, 0.3713



94.8084, 0.2763, 0.3316



94.8084, 0.2839, 0.2889



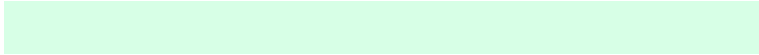
94.8084, 0.3503, 0.3249

Rectangle

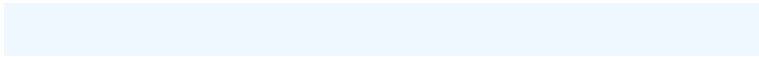
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.8084, 0.3412, 0.3713



94.8084, 0.3023, 0.3596



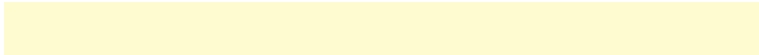
94.8084, 0.2839, 0.2889



94.8084, 0.3220, 0.3011

Sweetspot

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



94.8126, 0.3412, 0.3713



98.2288, 0.3217, 0.3425



71.1823, 0.3453, 0.3243



20.9848, 0.3227, 0.3440



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

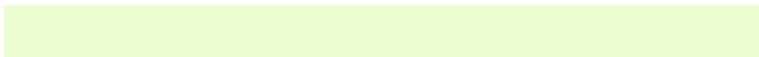
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8126, 0.3412, 0.3713



93.9025, 0.3470, 0.3797



93.9362, 0.3282, 0.3768



20.8117, 0.3271, 0.3505



41.7843, 0.4350, 0.4928



4.1428, 0.4330, 0.4944

Inverse Universe

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



67.7348, 0.2824, 0.2829



62.3703, 0.2758, 0.2726



68.6552, 0.2949, 0.2803



17.6251, 0.2979, 0.3065



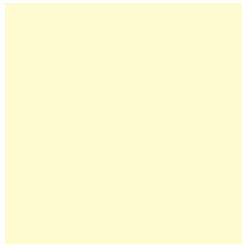
4.1494, 0.1515, 0.0653



0.4846, 0.1547, 0.0767

Previews

White Background



This preview shows how the Yxy color 94.8084, 0.3412, 0.3713 looks on a white background.

Color Contrast Check

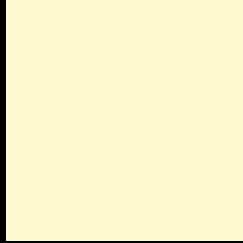
Large Text (above 18pt) WCAG AA × Fail

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 94.8084, 0.3412, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

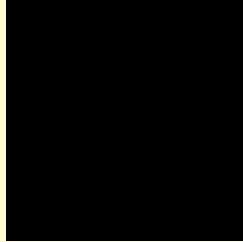
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.8084, 0.3412, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 94.8084, 0.3412, 0.3713.

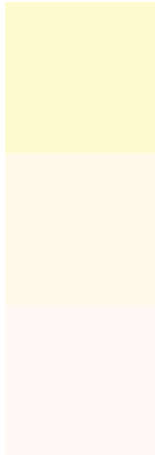


This preview shows how white text looks on a background with the Yxy color 94.8084, 0.3412, 0.3713.

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

94.8084, 0.3412, 0.3713

Protanopia

94.8946, 0.3262, 0.3446

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

95.0015, 0.3131, 0.3214

Trichromacy



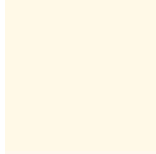
Original Color

94.8084, 0.3412, 0.3713



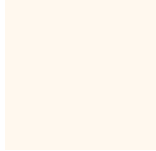
Protanomaly

95.0130, 0.3316, 0.3544



Deuteranomaly

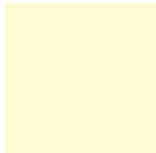
94.7809, 0.3274, 0.3466



Tritanomaly

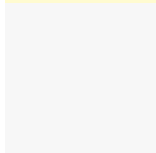
94.5678, 0.3232, 0.3387

Monochromacy



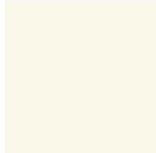
Original Color

94.8084, 0.3412, 0.3713



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.3420, 0.3230, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8084, 0.3412, 0.3713 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, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 208)  
}
```

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, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 208) }
```

Border

The CSS property to change the border of an element to Yxy 94.8084, 0.3412, 0.3713 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, 251, 208) }
```

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

```
.border{ border-color:rgb(255, 251, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8084, 0.3412, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 208) }
```

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

```
.background{ background-color: rgb(255,  
251, 208) }
```

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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