

Converting Colors

$Y_{xy}(105.7064, 0.3649, 0.3565)$

Have a look what the booklet for
Yxy(105.7064, 0.3649, 0.3565)
contains.

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Color

Yxy(95.4217, 0.3339, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBDC
RGB	255, 251, 220
RGB Percent	100%, 98%, 86%
CMY	0.0000, 0.0156, 0.1374
CMYK	0.00, 0.02, 0.14, 0.00
HSL	53°, 100%, 93%
HSV	53°, 14%, 100%
XYZ	88.6514, 95.4217, 81.4297
YIQ	248.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

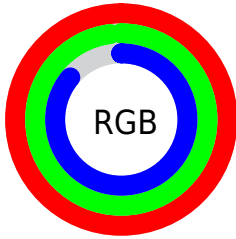
Format	Color
R_{YB}	225, 255, 220
Decimal	16776156
CIE Lab	98.20, -3.73, 15.36
CIE LCh	98, 15.806, 103.636
Yxy	95.4217, 0.3339, 0.3594
Android (android.graphics.Color)	4294966236 (0xFFFFBDC)
YUV	248.6620, -14.1304, 5.5584
Hunter-Lab	97.6840, -8.9526, 18.9545

Details

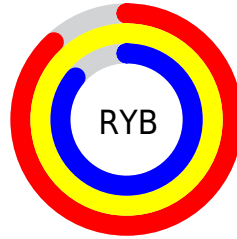
The Yxy color **95.4217, 0.3339, 0.3594** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.7169, 0.2907, 0.2967**, and the grayscale version is **94.5507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7526, 0.3381, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **92.3755, 0.3502, 0.3822**, and if you desaturate by 10%, it is **98.7100, 0.3183, 0.3371**.

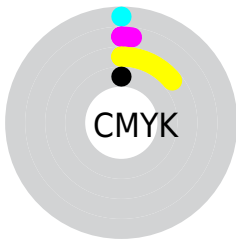
Distribution



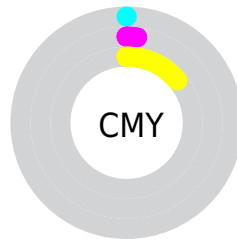
- Red (100%)
- Green (98%)
- Blue (86%)



- Red (88%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4217, 0.3339, 0.3594 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 95.4217, 0.3339, 0.3594 by changing the saturation by 10% instead.


 95.4217, 0.3339,
0.3594

 95.4217, 0.3339,
0.3594


545.5141, 0.3246,
0.3459

 72.4860, 0.3359,
0.3624

154.8471, 0.3308,
0.3548

 53.5558, 0.3383,
0.3659

192.1055, 0.3295,
0.3530

 38.2466, 0.3413,
0.3704


234.9070, 0.3285,
0.3514

 26.1742, 0.3450,
0.3760

283.6360, 0.3275,
0.3501

 16.9540, 0.3499,
0.3834

338.6768, 0.3267,
0.3489

 10.2017, 0.3564,
0.3935

400.4138, 0.3259,

 5.5329, 0.3656,

0.3478

0.4082

469.2315, 0.3252,
0.3468

■ 2.5632, 0.3793,
0.4309

■ 0.9082, 0.4595,
0.5405

■ 95.4217, 0.3339,
0.3594

■ 95.4217, 0.3339,
0.3594

■ 92.3755, 0.3502,
0.3822

■ 98.7100, 0.3183,
0.3371

■ 89.5498, 0.3667,
0.4049

100.0000, 0.3127,
0.3290

■ 86.9383, 0.3830,
0.4265

■ 84.5302, 0.3984,
0.4461

■ 82.3132, 0.4122,
0.4627

■ 80.2738, 0.4238,
0.4754

■ 78.3960, 0.4326,
0.4836

■ 76.6605, 0.4387,
0.4873

■ 75.6293, 0.4413,
0.4878

Harmonies

Analogous

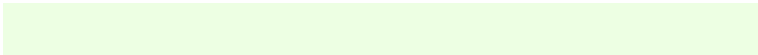
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4217, 0.3447, 0.3530



95.4217, 0.3339, 0.3594



95.4217, 0.3176, 0.3573

Triad

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



95.4217, 0.3339, 0.3594



95.4217, 0.2798, 0.3159



95.4217, 0.3248, 0.3120

Complementary

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



95.4217, 0.3339, 0.3594



75.7169, 0.2907, 0.2967

Split Complementary

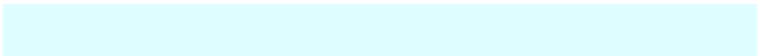
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4217, 0.3071, 0.3026



95.4217, 0.3339, 0.3594



95.4217, 0.2815, 0.3044

Square

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



95.4217, 0.3339, 0.3594



95.4217, 0.2865, 0.3316



95.4217, 0.2914, 0.2997



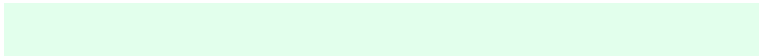
95.4217, 0.3394, 0.3257

Rectangle

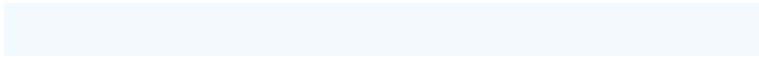
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.4217, 0.3339, 0.3594



95.4217, 0.3058, 0.3512



95.4217, 0.2914, 0.2997



95.4217, 0.3190, 0.3082

Sweetspot

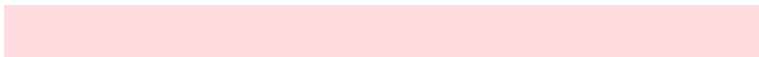
The Sweet Spot groups the original color and five complimentary colors.



95.4258, 0.3339, 0.3594



98.6214, 0.3187, 0.3377



77.8122, 0.3353, 0.3250



21.0545, 0.3199, 0.3393



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

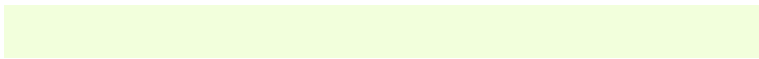
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4258, 0.3339, 0.3594



94.7162, 0.3375, 0.3645



95.4866, 0.3247, 0.3641



20.7165, 0.3272, 0.3499



39.6591, 0.4409, 0.4881



3.9576, 0.4381, 0.4903

Inverse Universe

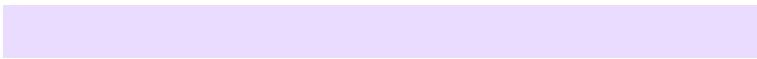
The Inverse Universe completely reimagines the original color for something new.



75.7169, 0.2907, 0.2967



72.1294, 0.2868, 0.2908



75.7777, 0.2995, 0.2934



17.7107, 0.2979, 0.3072



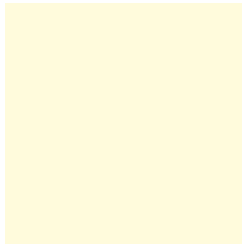
4.3381, 0.1522, 0.0680



0.5249, 0.1562, 0.0822

Previews

White Background



This preview shows how the Yxy color 95.4217, 0.3339, 0.3594 looks on a white background.

Color Contrast Check

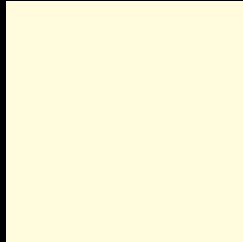
Large Text (above 18pt) WCAG AA × Fail

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 95.4217, 0.3339, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

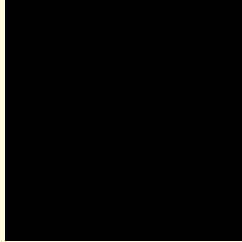
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.4217, 0.3339, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 95.4217, 0.3339, 0.3594.

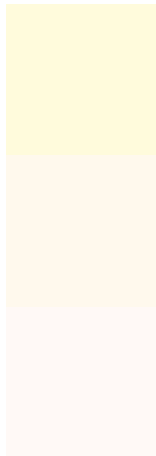


This preview shows how white text looks on a background with the Yxy color 95.4217, 0.3339, 0.3594.

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

95.4217, 0.3339, 0.3594

Protanopia

95.1258, 0.3237, 0.3407

Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



Original Color

95.4217, 0.3339, 0.3594

Protanomaly

95.4007, 0.3273, 0.3475

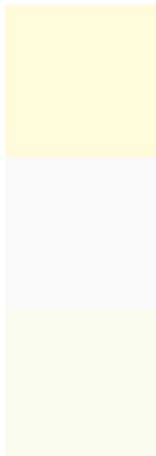
Deuteranomaly

95.7456, 0.3236, 0.3416

Tritanomaly

95.2330, 0.3201, 0.3358

Monochromacy



Original Color

95.4217, 0.3339, 0.3594

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.0535, 0.3205, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4217, 0.3339, 0.3594 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 220) }
```

Border

The CSS property to change the border of an element to Yxy 95.4217, 0.3339, 0.3594 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, 220) }
```

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

```
.border{ border-color:rgb(255, 251, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4217, 0.3339, 0.3594 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
251, 220) }
```

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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