

Converting Colors

$Yxy(95.7695, 0.3440, 0.3828)$

Have a look what the booklet for
Yxy(95.7695, 0.3440, 0.3828)
contains.

Yxy(95.7492, 0.3436, 0.3825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.7492, 0.3436, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	FCFEC8
RGB	252, 254, 200
RGB Percent	99%, 100%, 78%
CMY	0.0117, 0.0039, 0.2159
CMYK	0.01, 0.00, 0.21, 0.00
HSL	62°, 96%, 89%
HSV	62°, 21%, 100%
XYZ	86.0116, 95.7492, 68.5639
YIQ	247.2460, 16.1420, -17.2180

Conversions

Conversions Part 2

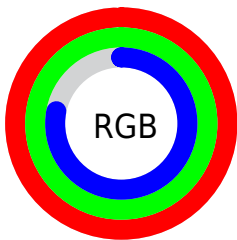
Format	Color
R _Y B	200, 254, 202
Decimal	16580296
CIE Lab	98.33, -9.19, 25.70
CIE LCh	98, 27.292, 109.670
Yxy	95.7492, 0.3436, 0.3825
Android (android.graphics.Color)	4294770376 (0xFFFCFEC8)
YUV	247.2460, -23.2923, 4.1693
Hunter-Lab	97.8515, -14.3385, 26.9519

Details

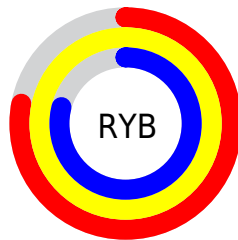
The Yxy color **95.7492, 0.3436, 0.3825** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.9939, 0.2781, 0.2698**, and the grayscale version is **93.4075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6099, 0.3497, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **94.4888, 0.3581, 0.4079**, and if you desaturate by 10%, it is **97.2162, 0.3289, 0.3570**.

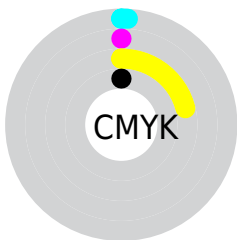
Distribution



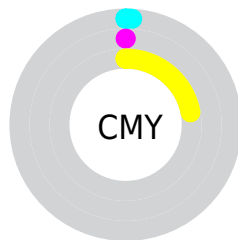
- Red (99%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.7492, 0.3436, 0.3825 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 95.7492, 0.3436, 0.3825 by changing the saturation by 10% instead.

 95.7492, 0.3436,
0.3825

 95.7492, 0.3436,
0.3825

546.5607, 0.3303,
0.3586

 72.7587, 0.3464,
0.3877


155.2992, 0.3392,
0.3744

 53.7787, 0.3498,
0.3941

192.6276, 0.3374,
0.3712

 38.4247, 0.3538,
0.4020


235.5040, 0.3358,
0.3684

 26.3125, 0.3588,
0.4120

284.3128, 0.3345,
0.3660

 17.0576, 0.3651,
0.4250

339.4385, 0.3333,
0.3638

 10.2756, 0.3731,
0.4427

401.2655, 0.3322,

 5.5820, 0.3834,

0.3619

0.4677

470.1781, 0.3312,
0.3602

■ 2.5926, 0.4035,
0.5145

■ 0.9230, 0.4142,
0.5858

■ 95.7492, 0.3436,
0.3825

■ 95.7492, 0.3436,
0.3825

■ 94.4888, 0.3581,
0.4079

■ 97.2162, 0.3289,
0.3570

■ 93.4126, 0.3719,
0.4323

■ 98.8862, 0.3145,
0.3321

■ 92.5142, 0.3844,
0.4547

■ 99.3333, 0.3126,
0.3281

■ 91.7820, 0.3950,
0.4741

■ 99.3672, 0.3128,
0.3281

■ 91.2030, 0.4033,
0.4896

■ 90.7623, 0.4089,
0.5008

■ 90.4420, 0.4119,
0.5075

■ 90.2366, 0.4128,
0.5104

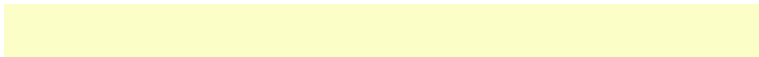
Harmonies

Analogous

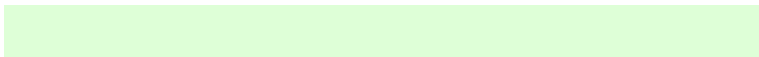
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.7492, 0.3652, 0.3730



95.7492, 0.3436, 0.3825



95.7492, 0.3143, 0.3764

Triad

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



95.7492, 0.3436, 0.3825



95.7492, 0.2564, 0.3009



95.7492, 0.3391, 0.3043

Complementary

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



95.7492, 0.3436, 0.3825



60.9939, 0.2781, 0.2698

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.



95.7492, 0.3088, 0.2870



95.7492, 0.3436, 0.3825



95.7492, 0.2621, 0.2841

Square

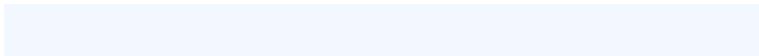
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



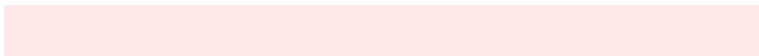
95.7492, 0.3436, 0.3825



95.7492, 0.2647, 0.3270



95.7492, 0.2808, 0.2795



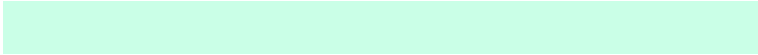
95.7492, 0.3629, 0.3278

Rectangle

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



95.7492, 0.3436, 0.3825



95.7492, 0.2946, 0.3638



95.7492, 0.2808, 0.2795



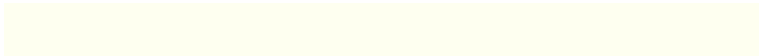
95.7492, 0.3293, 0.2976

Sweetspot

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



95.7535, 0.3436, 0.3825



98.9467, 0.3213, 0.3437



67.3678, 0.3555, 0.3310



21.1551, 0.3222, 0.3454



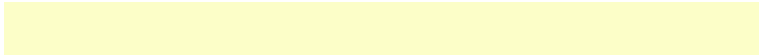
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

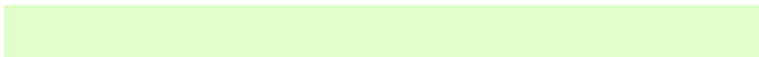
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.7535, 0.3436, 0.3825



95.9809, 0.3505, 0.3946



91.0917, 0.3259, 0.3856



21.0546, 0.3263, 0.3525



47.5865, 0.4129, 0.5103



4.6436, 0.4137, 0.5097

Inverse Universe

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



60.9939, 0.2781, 0.2698



54.5811, 0.2692, 0.2546



65.0670, 0.2968, 0.2729



17.4096, 0.2984, 0.3044



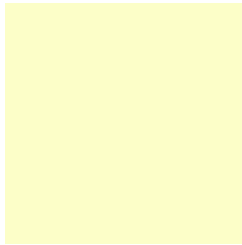
3.8181, 0.1511, 0.0606



0.3825, 0.1537, 0.0620

Previews

White Background



This preview shows how the Yxy color 95.7492, 0.3436, 0.3825 looks on a white background.

Color Contrast Check

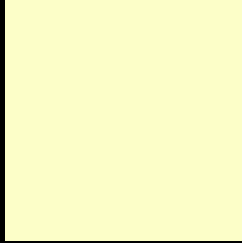
Large Text (above 18pt) WCAG AA × Fail

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 95.7492, 0.3436, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

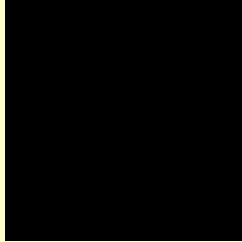
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.7492, 0.3436, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 95.7492, 0.3436, 0.3825.

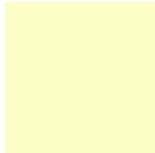


This preview shows how white text looks on a background with the Yxy color 95.7492, 0.3436, 0.3825.

Color Blindness Simulation

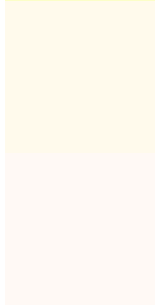
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.7492, 0.3436, 0.3825



Protanopia

95.6873, 0.3243, 0.3426

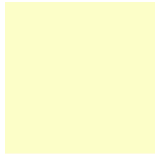
Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



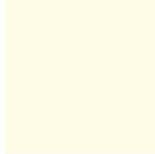
Original Color

95.7492, 0.3436, 0.3825



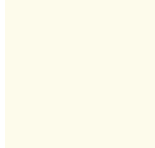
Protanomaly

95.3929, 0.3314, 0.3564



Deuteranomaly

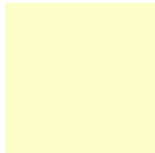
95.7223, 0.3277, 0.3505



Tritanomaly

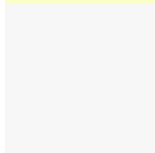
95.8752, 0.3235, 0.3446

Monochromacy



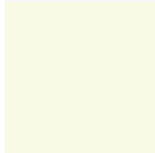
Original Color

95.7492, 0.3436, 0.3825



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.2241, 0.3240, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.7492, 0.3436, 0.3825 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, 254, 200)` looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 200)  
}
```

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, 254, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 200) }
```

Border

The CSS property to change the border of an element to Yxy 95.7492, 0.3436, 0.3825 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, 254, 200) }
```

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

```
.border{ border-color:rgb(252, 254, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 254, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 200);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 95.7492, 0.3436, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 200) }
```

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

```
.background{ background-color: rgb(252,  
254, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor