

Converting Colors

$Y_{xy}(100.0000, 0.3322, 0.3810)$

Have a look what the booklet for
Yxy(100.0000, 0.3322, 0.3810)
contains.

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Color

Yxy(95.5359, 0.3334, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFD1
RGB	245, 255, 209
RGB Percent	96%, 100%, 82%
CMY	0.0390, 0.0000, 0.1804
CMYK	0.04, 0.00, 0.18, 0.00
HSL	73°, 100%, 91%
HSV	73°, 18%, 100%
XYZ	84.9378, 95.5359, 74.2887
YIQ	246.7660, 8.8060, -16.4260

Conversions

Conversions Part 2

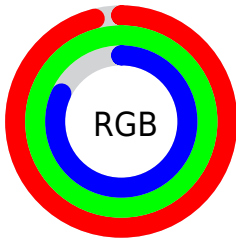
Format	Color
R _Y B	209, 255, 219
Decimal	16121809
CIE Lab	98.25, -10.84, 20.91
CIE LCh	98, 23.553, 117.407
Yxy	95.5359, 0.3334, 0.3750
Android (android.graphics.Color)	4294311889 (0xFFFF5FFD1)
YUV	246.7660, -18.6186, -1.5488
Hunter-Lab	97.7425, -15.9336, 23.3566

Details

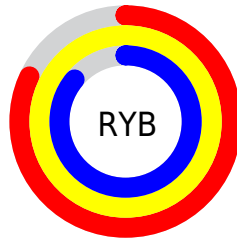
The Yxy color **95.5359, 0.3334, 0.3750** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.8766, 0.2895, 0.2806**, and the grayscale version is **92.9691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4126, 0.3374, 0.3854** is the 20% darker color. If you saturate the color by 10%, you get **93.3991, 0.3448, 0.4019**, and if you desaturate by 10%, it is **97.9128, 0.3219, 0.3490**.

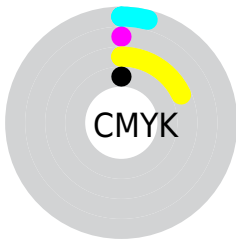
Distribution



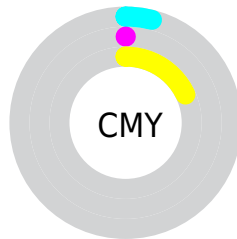
- Red (96%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5359, 0.3334, 0.3750 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 95.5359, 0.3334, 0.3750 by changing the saturation by 10% instead.


 95.5359, 0.3334,
0.3750

 95.5359, 0.3334,
0.3750

545.8792, 0.3245,
0.3544

 72.5811, 0.3353,
0.3796


155.0048, 0.3304,
0.3680

 53.6335, 0.3375,
0.3851


192.2876, 0.3293,
0.3652

 38.3087, 0.3402,
0.3920


235.1152, 0.3282,
0.3628

 26.2224, 0.3436,
0.4008

283.8721, 0.3273,
0.3607

 16.9901, 0.3478,
0.4125

338.9425, 0.3265,
0.3588

 10.2274, 0.3532,
0.4285

400.7109, 0.3258,

 5.5500, 0.3602,

0.3572

0.4517

469.5616, 0.3251,
0.3557

■ 2.5734, 0.3701,
0.4895

■ 0.9133, 0.3977,
0.6023

■ 95.5359, 0.3334,
0.3750

■ 95.5359, 0.3334,
0.3750

■ 93.3991, 0.3448,
0.4019

■ 97.9128, 0.3219,
0.3490

■ 91.4800, 0.3556,
0.4288

99.9950, 0.3127,
0.3290

■ 89.7721, 0.3653,
0.4547

■ 88.2638, 0.3733,
0.4786

■ 86.9422, 0.3791,
0.4992

■ 85.7927, 0.3824,
0.5157

■ 84.7981, 0.3830,
0.5275

■ 83.9351, 0.3813,
0.5347

■ 83.7744, 0.3808,
0.5358

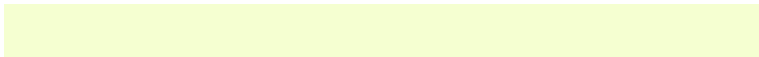
Harmonies

Analogous

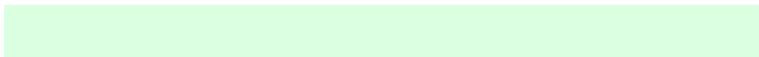
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5359, 0.3543, 0.3704



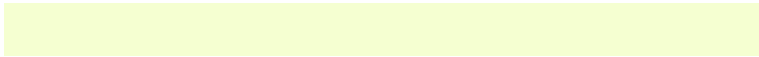
95.5359, 0.3334, 0.3750



95.5359, 0.3075, 0.3661

Triad

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



95.5359, 0.3334, 0.3750



95.5359, 0.2638, 0.3002



95.5359, 0.3417, 0.3125

Complementary

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



95.5359, 0.3334, 0.3750



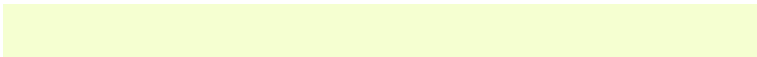
67.8766, 0.2895, 0.2806

Split Complementary

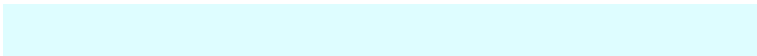
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5359, 0.3163, 0.2956



95.5359, 0.3334, 0.3750



95.5359, 0.2720, 0.2880

Square

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



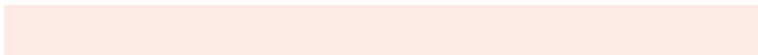
95.5359, 0.3334, 0.3750



95.5359, 0.2680, 0.3212



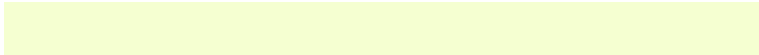
95.5359, 0.2909, 0.2867



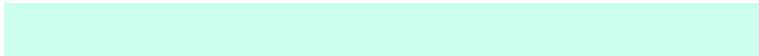
95.5359, 0.3595, 0.3338

Rectangle

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



95.5359, 0.3334, 0.3750



95.5359, 0.2911, 0.3534



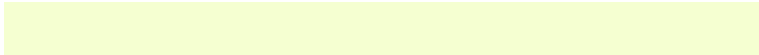
95.5359, 0.2909, 0.2867



95.5359, 0.3337, 0.3062

Sweetspot

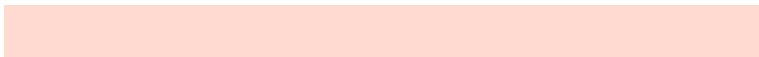
The Sweet Spot groups the original color and five complimentary colors.



95.5401, 0.3334, 0.3750



98.6867, 0.3184, 0.3413



76.1113, 0.3463, 0.3384



21.0846, 0.3192, 0.3431



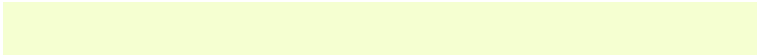
0.0000, 0.0000, 0.0000



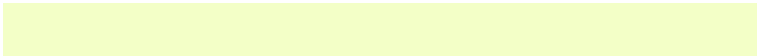
21.4041, 0.3127, 0.3290

Same Dimension

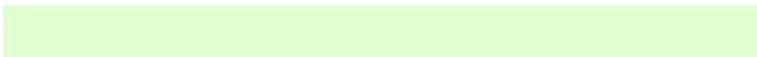
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5401, 0.3334, 0.3750



94.6704, 0.3380, 0.3856



91.7755, 0.3190, 0.3771



20.8809, 0.3235, 0.3527



43.8449, 0.3815, 0.5353



4.3159, 0.3860, 0.5317

Inverse Universe

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



67.8766, 0.2895, 0.2806



61.8742, 0.2836, 0.2687



71.5596, 0.3050, 0.2827



17.5670, 0.3012, 0.3047



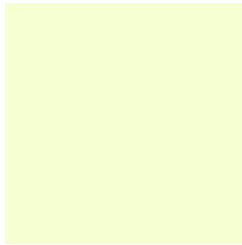
4.2513, 0.1611, 0.0661



0.4590, 0.1713, 0.0717

Previews

White Background



This preview shows how the Yxy color 95.5359, 0.3334, 0.3750 looks on a white background.

Color Contrast Check

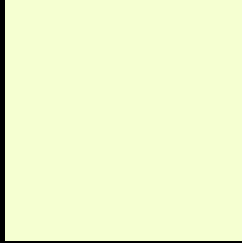
Large Text (above 18pt) WCAG AA × Fail

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 95.5359, 0.3334, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

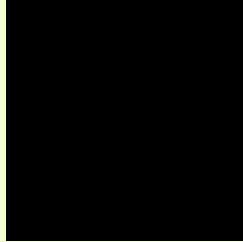
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

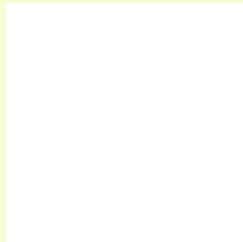
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.5359, 0.3334, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 95.5359, 0.3334, 0.3750.



This preview shows how white text looks on a background with the Yxy color 95.5359, 0.3334, 0.3750.

Color Blindness Simulation

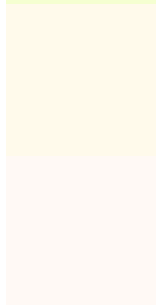
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.5359, 0.3334, 0.3750



Protanopia

95.6294, 0.3249, 0.3436

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

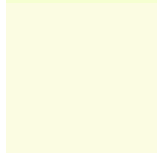
95.4806, 0.3105, 0.3232

Trichromacy



Original Color

95.5359, 0.3334, 0.3750



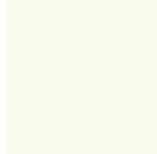
Protanomaly

95.6210, 0.3275, 0.3546



Deuteranomaly

95.3298, 0.3240, 0.3476



Tritanomaly

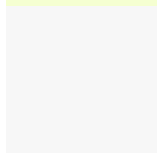
95.3071, 0.3191, 0.3417

Monochromacy



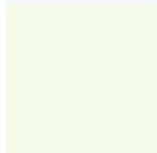
Original Color

95.5359, 0.3334, 0.3750



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.8472, 0.3202, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5359, 0.3334, 0.3750 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(245, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 209)  
}
```

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(245, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 209) }
```

Border

The CSS property to change the border of an element to Yxy 95.5359, 0.3334, 0.3750 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(245, 255, 209) }
```

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

```
.border{ border-color:rgb(245, 255, 209) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5359, 0.3334, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 209) }
```

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

```
.background{ background-color: rgb(245,  
255, 209) }
```

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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