

Converting Colors

$Y_{xy}(142.3153, 0.3296, 0.4277)$

Have a look what the booklet for
Yxy(142.3153, 0.3296, 0.4277)
contains.

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Color

Yxy(96.5342, 0.3385, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFCF
RGB	251, 255, 207
RGB Percent	98%, 100%, 81%
CMY	0.0159, 0.0000, 0.1883
CMYK	0.02, 0.00, 0.19, 0.00
HSL	65°, 100%, 91%
HSV	65°, 19%, 100%
XYZ	86.7910, 96.5342, 73.0737
YIQ	248.3320, 13.0240, -15.7760

Conversions

Conversions Part 2

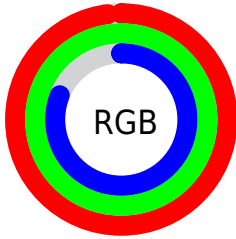
Format	Color
R_{YB}	207, 255, 211
Decimal	16515023
CIE _{Lab}	98.64, -9.07, 22.56
CIE _{LCh}	99, 24.314, 111.911
Yxy	96.5342, 0.3385, 0.3765
Android (android.graphics.Color)	4294705103 (0xFFFFBFFCF)
YUV	248.3320, -20.3767, 2.3398
Hunter-Lab	98.2518, -14.2622, 24.6800

Details

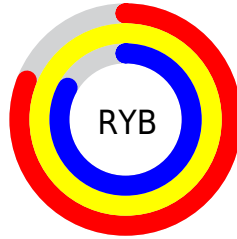
The Yxy color **96.5342, 0.3385, 0.3765** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.6866, 0.2841, 0.2776**, and the grayscale version is **94.3021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.1245, 0.3440, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **94.9797, 0.3522, 0.4024**, and if you desaturate by 10%, it is **98.2752, 0.3247, 0.3509**.

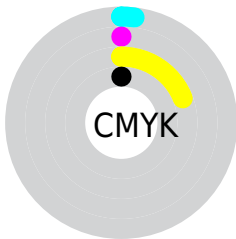
Distribution



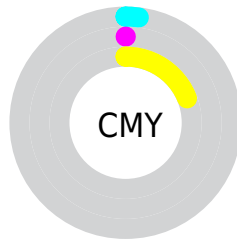
- Red (98%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.5342, 0.3385, 0.3765 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 96.5342, 0.3385, 0.3765 by changing the saturation by 10% instead.


 96.5342, 0.3385,
0.3765

 96.5342, 0.3385,
0.3765


549.0650, 0.3274,
0.3553

 73.4126, 0.3408,
0.3812


156.3825, 0.3348,
0.3693

 54.3134, 0.3437,
0.3868


193.8779, 0.3333,
0.3665

 38.8522, 0.3471,
0.3938


236.9333, 0.3320,
0.3640

 26.6448, 0.3513,
0.4027

285.9332, 0.3309,
0.3618

 17.3066, 0.3566,
0.4144

341.2619, 0.3299,
0.3599

 10.4534, 0.3635,
0.4303

403.3038, 0.3289,

 5.7006, 0.3726,

0.3582

0.4531

472.4434, 0.3281,
0.3567

■ 2.6639, 0.3862,
0.4904

■ 0.9589, 0.4178,
0.5822

■ 96.5342, 0.3385,
0.3765

■ 96.5342, 0.3385,
0.3765

■ 94.9797, 0.3522,
0.4024

■ 98.2752, 0.3247,
0.3509

■ 93.6313, 0.3654,
0.4277

100.0000, 0.3127,
0.3290

■ 92.4686, 0.3774,
0.4514

■ 91.4803, 0.3877,
0.4725

■ 90.6536, 0.3957,
0.4901

■ 89.9740, 0.4011,
0.5033

■ 89.4242, 0.4039,
0.5121

■ 88.9792, 0.4044,
0.5167

■ 88.9303, 0.4043,
0.5171

Harmonies

Analogous

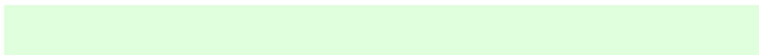
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5342, 0.3583, 0.3693



96.5342, 0.3385, 0.3765



96.5342, 0.3123, 0.3699

Triad

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



96.5342, 0.3385, 0.3765



96.5342, 0.2623, 0.3027



96.5342, 0.3381, 0.3084

Complementary

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



96.5342, 0.3385, 0.3765



65.6866, 0.2841, 0.2776

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.



96.5342, 0.3114, 0.2923



96.5342, 0.3385, 0.3765



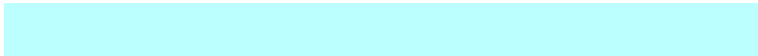
96.5342, 0.2684, 0.2884

Square

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



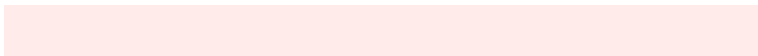
96.5342, 0.3385, 0.3765



96.5342, 0.2689, 0.3255



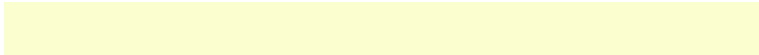
96.5342, 0.2860, 0.2849



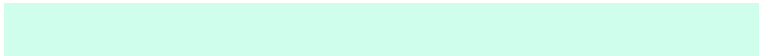
96.5342, 0.3584, 0.3298

Rectangle

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



96.5342, 0.3385, 0.3765



96.5342, 0.2949, 0.3582



96.5342, 0.2860, 0.2849



96.5342, 0.3295, 0.3022

Sweetspot

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



96.5245, 0.3385, 0.3765



98.8098, 0.3208, 0.3438



72.3417, 0.3491, 0.3332



21.1226, 0.3217, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

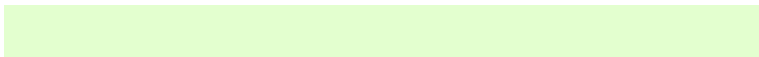
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5245, 0.3385, 0.3765



95.8562, 0.3443, 0.3873



92.3525, 0.3229, 0.3789



21.0083, 0.3256, 0.3526



46.5004, 0.4046, 0.5169



4.5496, 0.4064, 0.5155

Inverse Universe

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



65.6866, 0.2841, 0.2776



59.3159, 0.2768, 0.2646



69.4948, 0.3006, 0.2800



17.4509, 0.2992, 0.3045



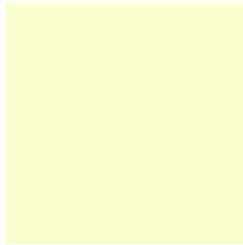
3.8838, 0.1526, 0.0614



0.4020, 0.1583, 0.0646

Previews

White Background



This preview shows how the Yxy color 96.5342, 0.3385, 0.3765 looks on a white background.

Color Contrast Check

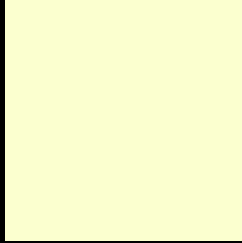
Large Text (above 18pt) WCAG AA × Fail

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 96.5342, 0.3385, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

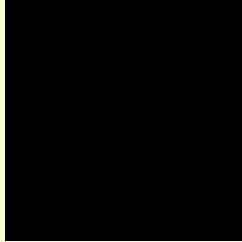
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.5342, 0.3385, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 96.5342, 0.3385, 0.3765.



This preview shows how white text looks on a background with the Yxy color 96.5342, 0.3385, 0.3765.

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

96.5342, 0.3385, 0.3765



Protanopia

96.5456, 0.3218, 0.3396

Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

96.4739, 0.3117, 0.3242

Trichromacy



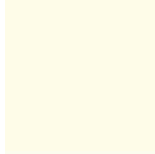
Original Color

96.5342, 0.3385, 0.3765



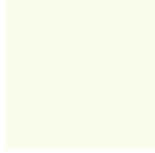
Protanomaly

96.2931, 0.3282, 0.3524



Deuteranomaly

96.5178, 0.3258, 0.3485



Tritanomaly

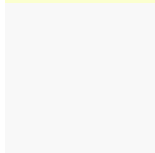
96.4893, 0.3209, 0.3426

Monochromacy



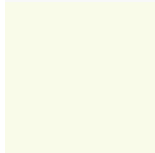
Original Color

96.5342, 0.3385, 0.3765



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

95.0173, 0.3221, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5342, 0.3385, 0.3765 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(251, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 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(251, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 96.5342, 0.3385, 0.3765 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(251, 255, 207) }
```

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

```
.border{ border-color:rgb(251, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5342, 0.3385, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 207) }
```

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

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