

Converting Colors

$Y_{xy}(95.6171, 0.3505, 0.3965)$

Have a look what the booklet for
Yxy(95.6171, 0.3505, 0.3965)
contains.

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Color

Yxy(95.6171, 0.3505, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFBB
RGB	251, 255, 187
RGB Percent	98%, 100%, 73%
CMY	0.0155, 0.0000, 0.2667
CMYK	0.02, 0.00, 0.27, 0.00
HSL	63°, 100%, 87%
HSV	63°, 27%, 100%
XYZ	84.5241, 95.6171, 61.0117
YIQ	246.0520, 19.4440, -21.9960

Conversions

Conversions Part 2

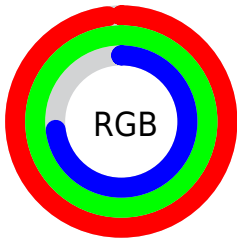
Format	Color
RYB	187, 255, 191
Decimal	16515003
CIELab	98.28, -11.76, 32.15
CIElCh	98, 34.234, 110.099
Yxy	95.6171, 0.3505, 0.3965
Android (android.graphics.Color)	4294705083 (0xFFFBFFBB)
YUV	246.0520, -29.1126, 4.3394
Hunter-Lab	97.7840, -16.8274, 31.4552

Details

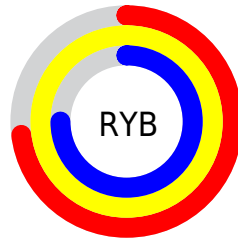
The Yxy color **95.6171, 0.3505, 0.3965** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.8287, 0.2689, 0.2526**, and the grayscale version is **92.4384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **53.5510, 0.3582, 0.4110** is the 20% darker color. If you saturate the color by 10%, you get **94.3502, 0.3643, 0.4217**, and if you desaturate by 10%, it is **97.0886, 0.3362, 0.3708**.

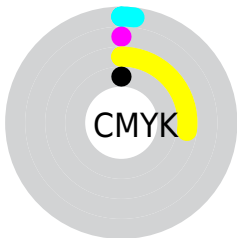
Distribution



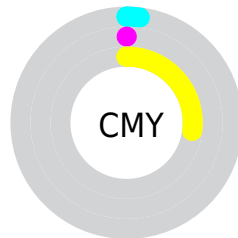
- Red (98%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.6171, 0.3505, 0.3965 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 95.6171, 0.3505, 0.3965 by changing the saturation by 10% instead.


 95.6171, 0.3505,
0.3965

 95.6171, 0.3505,
0.3965


546.1387, 0.3344,
0.3663

 72.6487, 0.3538,
0.4031

 155.1169, 0.3452,
0.3863

 53.6888, 0.3578,
0.4111


192.4170, 0.3430,
0.3822

 38.3529, 0.3625,
0.4210

235.2632, 0.3412,
0.3787

 26.2567, 0.3682,
0.4335

284.0399, 0.3395,
0.3756

 17.0158, 0.3752,
0.4496

339.1313, 0.3380,
0.3729

 10.2457, 0.3836,
0.4712

400.9220, 0.3367,

 5.5622, 0.3933,

0.3704

0.5009

469.7963, 0.3355,
0.3683

■ 2.5807, 0.4256,
0.5744

■ 0.9170, 0.3891,
0.6109

■ 95.6171, 0.3505,
0.3965

■ 95.6171, 0.3505,
0.3965

■ 94.3502, 0.3643,
0.4217

■ 97.0886, 0.3362,
0.3708

■ 93.2648, 0.3771,
0.4455

■ 98.7614, 0.3220,
0.3454

■ 92.3540, 0.3883,
0.4668

99.9965, 0.3127,
0.3290

■ 91.6054, 0.3973,
0.4846

■ 91.0048, 0.4038,
0.4983

■ 90.5358, 0.4076,
0.5075

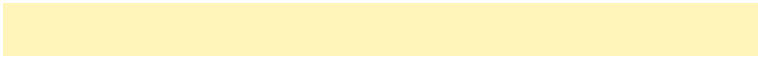
■ 90.1775, 0.4089,
0.5124

■ 90.0722, 0.4090,
0.5134

Harmonies

Analogous

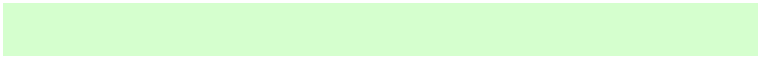
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6171, 0.3781, 0.3839



95.6171, 0.3505, 0.3965



95.6171, 0.3137, 0.3891

Triad

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



95.6171, 0.3505, 0.3965



95.6171, 0.2428, 0.2929



95.6171, 0.3462, 0.2986

Complementary

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



95.6171, 0.3505, 0.3965



53.8287, 0.2689, 0.2526

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.



95.6171, 0.3081, 0.2773



95.6171, 0.3505, 0.3965



95.6171, 0.2501, 0.2728

Square

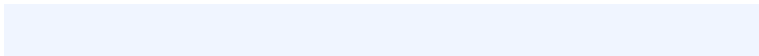
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



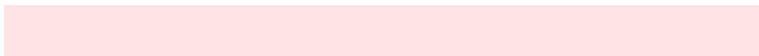
95.6171, 0.3505, 0.3965



95.6171, 0.2527, 0.3255



95.6171, 0.2732, 0.2678



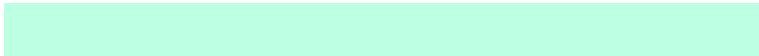
95.6171, 0.3762, 0.3274

Rectangle

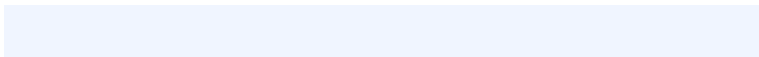
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.6171, 0.3505, 0.3965



95.6171, 0.2893, 0.3727



95.6171, 0.2732, 0.2678



95.6171, 0.3338, 0.2905

Sweetspot

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



95.6214, 0.3505, 0.3965



98.5309, 0.3239, 0.3488



61.8457, 0.3696, 0.3327



21.0338, 0.3260, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

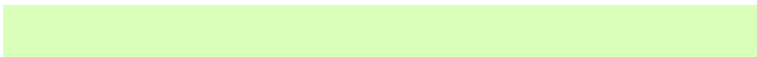
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6214, 0.3505, 0.3965



94.9242, 0.3580, 0.4101



89.9475, 0.3283, 0.4016



21.0338, 0.3260, 0.3525



47.0901, 0.4092, 0.5133



4.6007, 0.4104, 0.5123

Inverse Universe

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



53.8287, 0.2689, 0.2526



46.7427, 0.2584, 0.2347



58.6695, 0.2928, 0.2576



17.4281, 0.2987, 0.3045



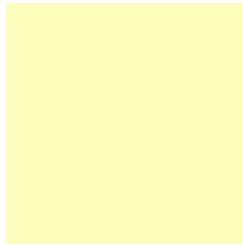
3.8445, 0.1517, 0.0609



0.3912, 0.1557, 0.0632

Previews

White Background



This preview shows how the Yxy color 95.6171, 0.3505, 0.3965 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 95.6171, 0.3505, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

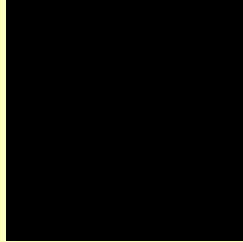
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6171, 0.3505, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 95.6171, 0.3505, 0.3965.

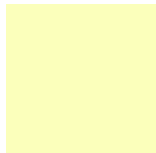


This preview shows how white text looks on a background with the Yxy color 95.6171, 0.3505, 0.3965.

Color Blindness Simulation

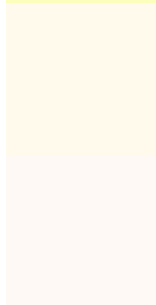
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.6171, 0.3505, 0.3965



Protanopia

95.6294, 0.3249, 0.3436

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

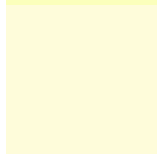
95.4256, 0.3124, 0.3223

Trichromacy



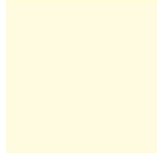
Original Color

95.6171, 0.3505, 0.3965



Protanomaly

95.7536, 0.3343, 0.3624



Deuteranomaly

95.4470, 0.3308, 0.3554



Tritanomaly

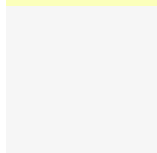
95.5902, 0.3265, 0.3495

Monochromacy



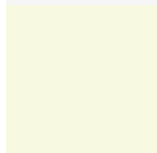
Original Color

95.6171, 0.3505, 0.3965



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.1441, 0.3264, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6171, 0.3505, 0.3965 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 187) }
```

Border

The CSS property to change the border of an element to Yxy 95.6171, 0.3505, 0.3965 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, 187) }
```

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

```
.border{ border-color:rgb(251, 255, 187) }
```

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, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6171, 0.3505, 0.3965 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, 187) }
```

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

```
.background{ background-color: rgb(251,  
255, 187) }
```

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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