

Converting Colors

$Y_{xy}(100.0000, 0.3701, 0.3930)$

Have a look what the booklet for
Yxy(100.0000, 0.3701, 0.3930)
contains.

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Color

Yxy(95.6464, 0.3546, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEB9
RGB	255, 254, 185
RGB Percent	100%, 100%, 73%
CMY	0.0001, 0.0039, 0.2746
CMYK	0.00, 0.00, 0.27, 0.00
HSL	59°, 100%, 86%
HSV	59°, 27%, 100%
XYZ	85.4313, 95.6464, 59.8453
YIQ	246.4330, 22.7450, -21.2470

Conversions

Conversions Part 2

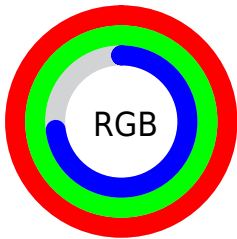
Format	Color
R _Y B	186, 255, 185
Decimal	16776889
CIE Lab	98.29, -10.10, 33.23
CIE LCh	98, 34.728, 106.908
Yxy	95.6464, 0.3546, 0.3970
Android (android.graphics.Color)	4294966969 (0xFFFFFEB9)
YUV	246.4330, -30.2865, 7.5133
Hunter-Lab	97.7990, -15.2214, 32.1785

Details

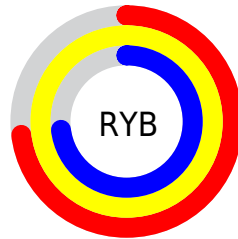
The Yxy color **95.6464, 0.3546, 0.3970** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.6253, 0.2647, 0.2505**, and the grayscale version is **92.7633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **53.5770, 0.3636, 0.4113** is the 20% darker color. If you saturate the color by 10%, you get **94.4456, 0.3696, 0.4213**, and if you desaturate by 10%, it is **97.0493, 0.3392, 0.3720**.

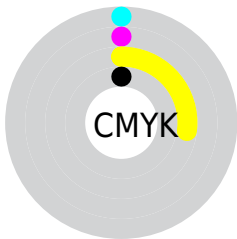
Distribution



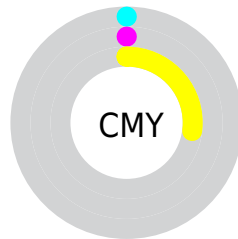
- Red (100%)
- Green (100%)
- Blue (73%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6464, 0.3546, 0.3970 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 95.6464, 0.3546, 0.3970 by changing the saturation by 10% instead.

 95.6464, 0.3546,
0.3970

 95.6464, 0.3546,
0.3970


546.2323, 0.3367,
0.3667

 72.6731, 0.3583,
0.4036


 155.1573, 0.3487,
0.3867

 53.7087, 0.3627,
0.4116


192.4637, 0.3463,
0.3827

 38.3688, 0.3680,
0.4214


235.3166, 0.3442,
0.3791

 26.2691, 0.3744,
0.4337

284.1004, 0.3423,
0.3760

 17.0250, 0.3823,
0.4496

339.1995, 0.3407,
0.3733

 10.2523, 0.3919,
0.4706

400.9982, 0.3392,

 5.5666, 0.4030,

0.3709

0.4991

469.8810, 0.3379,
0.3687

■ 2.5834, 0.4346,
0.5654

■ 0.9183, 0.4053,
0.5947

■ 95.6464, 0.3546,
0.3970

■ 95.6464, 0.3546,
0.3970

■ 94.4456, 0.3696,
0.4213

■ 97.0493, 0.3392,
0.3720

■ 93.4238, 0.3836,
0.4438


■ 98.6509, 0.3238,
0.3471


■ 92.5738, 0.3960,
0.4636


99.9962, 0.3127,
0.3290

■ 91.8832, 0.4063,
0.4798

 91.3377, 0.4139,
0.4918

 90.9205, 0.4189,
0.4993

 90.6099, 0.4214,
0.5028

 90.5395, 0.4218,
0.5033

Harmonies

Analogous

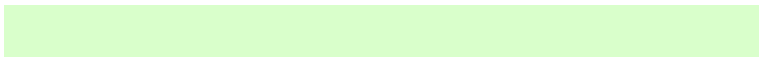
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6464, 0.3811, 0.3823



95.6464, 0.3546, 0.3970



95.6464, 0.3178, 0.3918

Triad

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



95.6464, 0.3546, 0.3970



95.6464, 0.2421, 0.2954



95.6464, 0.3427, 0.2955

Complementary

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



95.6464, 0.3546, 0.3970



52.6253, 0.2647, 0.2505

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.



95.6464, 0.3039, 0.2750



95.6464, 0.3546, 0.3970



95.6464, 0.2477, 0.2735

Square

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



95.6464, 0.3546, 0.3970



95.6464, 0.2539, 0.3294



95.6464, 0.2695, 0.2668



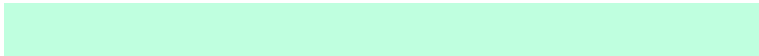
95.6464, 0.3746, 0.3241

Rectangle

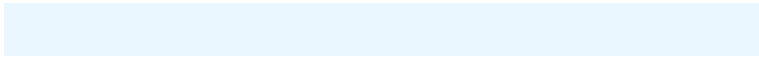
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.6464, 0.3546, 0.3970



95.6464, 0.2927, 0.3766



95.6464, 0.2695, 0.2668



95.6464, 0.3299, 0.2875

Sweetspot

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



95.6507, 0.3546, 0.3970



98.5756, 0.3247, 0.3484



59.4970, 0.3718, 0.3280



21.0452, 0.3269, 0.3522



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

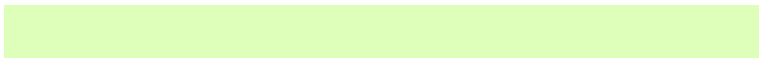
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6507, 0.3546, 0.3970



94.9760, 0.3630, 0.4106



90.4043, 0.3317, 0.4032



21.0452, 0.3269, 0.3522



47.3370, 0.4217, 0.5033



4.6223, 0.4214, 0.5036

Inverse Universe

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



52.6253, 0.2647, 0.2505



45.3703, 0.2533, 0.2318



56.9392, 0.2886, 0.2546



17.4179, 0.2978, 0.3047



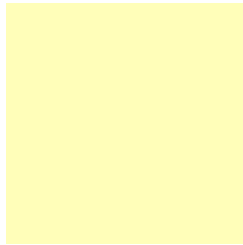
3.8299, 0.1502, 0.0608



0.3864, 0.1508, 0.0628

Previews

White Background



This preview shows how the Yxy color 95.6464, 0.3546, 0.3970 looks on a white background.

Color Contrast Check

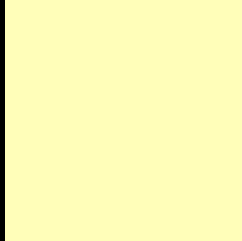
Large Text (above 18pt) WCAG AA × Fail

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 95.6464, 0.3546, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

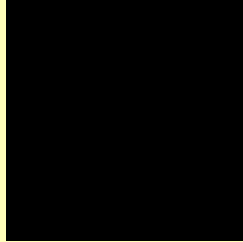
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6464, 0.3546, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 95.6464, 0.3546, 0.3970.

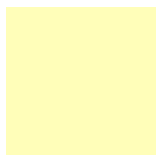


This preview shows how white text looks on a background with the Yxy color 95.6464, 0.3546, 0.3970.

Color Blindness Simulation

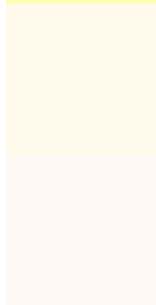
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.6464, 0.3546, 0.3970



Protanopia

95.6294, 0.3249, 0.3436

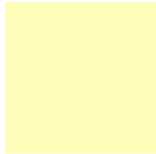
Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

95.5506, 0.3136, 0.3233

Trichromacy



Original Color

95.6464, 0.3546, 0.3970



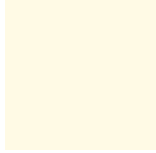
Protanomaly

95.2641, 0.3357, 0.3623



Deuteranomaly

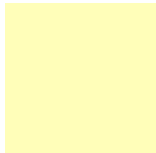
95.5821, 0.3320, 0.3564



Tritanomaly

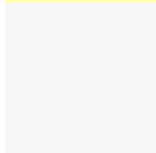
95.2884, 0.3285, 0.3495

Monochromacy



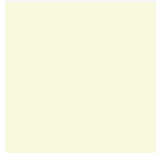
Original Color

95.6464, 0.3546, 0.3970



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.2729, 0.3277, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6464, 0.3546, 0.3970 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, 254, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 185)  
}
```

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, 254, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 185) }
```

Border

The CSS property to change the border of an element to Yxy 95.6464, 0.3546, 0.3970 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, 254, 185) }
```

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

```
.border{ border-color:rgb(255, 254, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6464, 0.3546, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 185) }
```

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

```
.background{ background-color: rgb(255,  
254, 185) }
```

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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