

Converting Colors

$Y_{xy}(95.5610, 0.3540, 0.3956)$

Have a look what the booklet for
Yxy(95.5610, 0.3540, 0.3956)
contains.

Yxy(95.6888, 0.3540, 0.3960)	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(95.6888, 0.3540, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEBA
RGB	255, 254, 186
RGB Percent	100%, 100%, 73%
CMY	0.0001, 0.0039, 0.2706
CMYK	0.00, 0.00, 0.27, 0.00
HSL	59°, 100%, 86%
HSV	59°, 27%, 100%
XYZ	85.5400, 95.6888, 60.4096
YIQ	246.5470, 22.4240, -20.9360

Conversions

Conversions Part 2

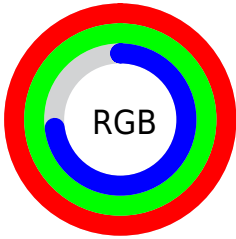
Format	Color
R_{YB}	187, 255, 186
Decimal	16776890
CIE _{Lab}	98.31, -9.97, 32.74
CIE _{LCh}	98, 34.227, 106.933
Yxy	95.6888, 0.3540, 0.3960
Android (android.graphics.Color)	4294966970 (0xFFFFFEBA)
YUV	246.5470, -29.8497, 7.4133
Hunter-Lab	97.8207, -15.0955, 31.8596

Details

The Yxy color **95.6888, 0.3540, 0.3960** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.1835, 0.2655, 0.2519**, and the grayscale version is **92.8587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **53.6042, 0.3628, 0.4101** is the 20% darker color. If you saturate the color by 10%, you get **94.4751, 0.3691, 0.4203**, and if you desaturate by 10%, it is **97.1050, 0.3386, 0.3710**.

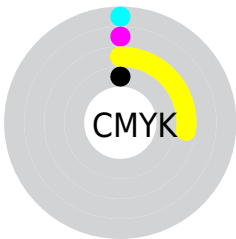
Distribution



- 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 95.6888, 0.3540, 0.3960 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 95.6888, 0.3540, 0.3960 by changing the saturation by 10% instead.


 95.6888, 0.3540,
0.3960

 95.6888, 0.3540,
0.3960


546.3678, 0.3363,
0.3662

 72.7084, 0.3577,
0.4025


 155.2159, 0.3482,
0.3859

 53.7376, 0.3620,
0.4104


192.5313, 0.3458,
0.3819

 38.3919, 0.3673,
0.4200


235.3939, 0.3437,
0.3784

 26.2870, 0.3736,
0.4322

284.1880, 0.3419,
0.3754

 17.0385, 0.3814,
0.4479

339.2981, 0.3403,
0.3727

 10.2619, 0.3910,
0.4687

401.1085, 0.3388,

 5.5730, 0.4021,

0.3702

0.4969

470.0035, 0.3375,
0.3681

■ 2.5872, 0.4353,
0.5647

■ 0.9202, 0.4067,
0.5933

■ 95.6888, 0.3540,
0.3960

■ 95.6888, 0.3540,
0.3960

■ 94.4751, 0.3691,
0.4203

■ 97.1050, 0.3386,
0.3710

■ 93.4408, 0.3831,
0.4429

■ 98.7203, 0.3232,
0.3461

■ 92.5789, 0.3956,
0.4629

99.9974, 0.3127,
0.3290

■ 91.8769, 0.4059,
0.4792

■ 91.3207, 0.4137,
0.4914

■ 90.8936, 0.4188,
0.4991

■ 90.5743, 0.4214,
0.5026

■ 90.4915, 0.4218,
0.5033

Harmonies

Analogous

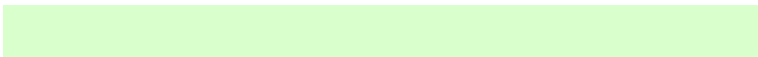
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6888, 0.3801, 0.3816



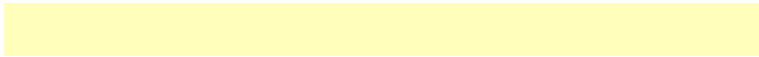
95.6888, 0.3540, 0.3960



95.6888, 0.3177, 0.3908

Triad

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



95.6888, 0.3540, 0.3960



95.6888, 0.2431, 0.2959



95.6888, 0.3423, 0.2959

Complementary

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



95.6888, 0.3540, 0.3960



53.1835, 0.2655, 0.2519

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.



95.6888, 0.3040, 0.2757



95.6888, 0.3540, 0.3960



95.6888, 0.2486, 0.2742

Square

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



95.6888, 0.3540, 0.3960



95.6888, 0.2547, 0.3294



95.6888, 0.2702, 0.2677



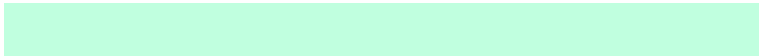
95.6888, 0.3737, 0.3242

Rectangle

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



95.6888, 0.3540, 0.3960



95.6888, 0.2930, 0.3758



95.6888, 0.2702, 0.2677



95.6888, 0.3297, 0.2881

Sweetspot

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



95.6931, 0.3540, 0.3960



98.5713, 0.3247, 0.3484



59.9655, 0.3707, 0.3280



21.0441, 0.3269, 0.3522



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

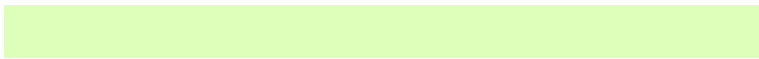
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6931, 0.3540, 0.3960



95.0792, 0.3615, 0.4082



90.5287, 0.3315, 0.4021



21.0441, 0.3269, 0.3522



47.3096, 0.4218, 0.5033



4.6200, 0.4215, 0.5035

Inverse Universe

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



53.1835, 0.2655, 0.2519



46.6362, 0.2554, 0.2353



57.4460, 0.2890, 0.2557



17.4188, 0.2978, 0.3048



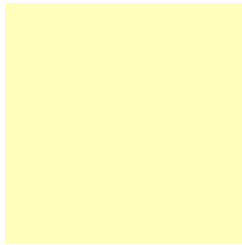
3.8313, 0.1502, 0.0608



0.3869, 0.1508, 0.0629

Previews

White Background



This preview shows how the Yxy color 95.6888, 0.3540, 0.3960 looks on a white background.

Color Contrast Check

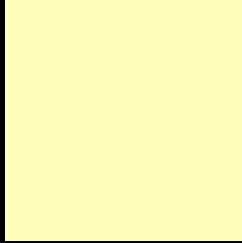
Large Text (above 18pt) WCAG AA × Fail

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 95.6888, 0.3540, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

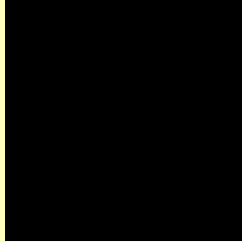
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6888, 0.3540, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 95.6888, 0.3540, 0.3960.

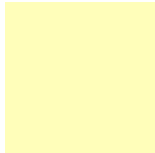


This preview shows how white text looks on a background with the Yxy color 95.6888, 0.3540, 0.3960.

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

95.6888, 0.3540, 0.3960

Protanopia

95.6294, 0.3249, 0.3436

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

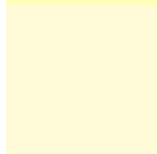
95.5506, 0.3136, 0.3233

Trichromacy



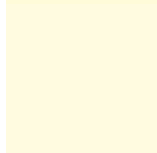
Original Color

95.6888, 0.3540, 0.3960



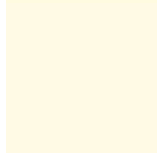
Protanomaly

95.2641, 0.3357, 0.3623



Deuteranomaly

95.6362, 0.3314, 0.3554



Tritanomaly

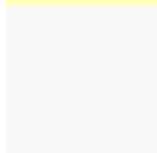
95.2884, 0.3285, 0.3495

Monochromacy



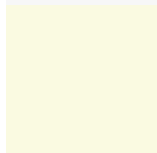
Original Color

95.6888, 0.3540, 0.3960



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.1315, 0.3276, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6888, 0.3540, 0.3960 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 186) }
```

Border

The CSS property to change the border of an element to Yxy 95.6888, 0.3540, 0.3960 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, 186) }
```

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

```
.border{ border-color:rgb(255, 254, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6888, 0.3540, 0.3960 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
254, 186) }
```

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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