

Converting Colors

$Y_{xy}(115.3988, 0.3495, 0.4257)$

Have a look what the booklet for
Yxy(115.3988, 0.3495, 0.4257)
contains.

Yxy(95.9270, 0.3561, 0.4020)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.9270, 0.3561, 0.4020)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFB5
RGB	254, 255, 181
RGB Percent	100%, 100%, 71%
CMY	0.0038, 0.0000, 0.2904
CMYK	0.00, 0.00, 0.29, 0.00
HSL	61°, 100%, 85%
HSV	61°, 29%, 100%
XYZ	84.9741, 95.9270, 57.7232
YIQ	246.2650, 23.1580, -23.2260

Conversions

Conversions Part 2

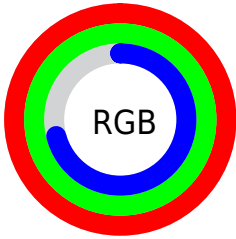
Format	Color
R_{YB}	181, 255, 182
Decimal	16711605
CIE _{Lab}	98.40, -11.44, 35.38
CIE _{LCh}	98, 37.184, 107.924
Yxy	95.9270, 0.3561, 0.4020
Android (android.graphics.Color)	4294901685 (0xFFFEFFB5)
YUV	246.2650, -32.1756, 6.7836
Hunter-Lab	97.9423, -16.5336, 33.6165

Details

The Yxy color **95.9270, 0.3561, 0.4020** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.1823, 0.2620, 0.2442**, and the grayscale version is **92.6352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **53.6562, 0.3644, 0.4178** is the 20% darker color. If you saturate the color by 10%, you get **94.9124, 0.3705, 0.4265**, and if you desaturate by 10%, it is **97.1362, 0.3411, 0.3767**.

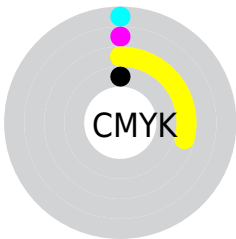
Distribution



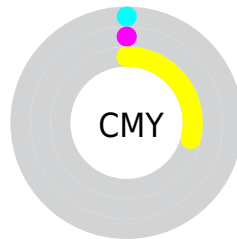
- Red (100%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9270, 0.3561, 0.4020 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 95.9270, 0.3561, 0.4020 by changing the saturation by 10% instead.

 95.9270, 0.3561,
0.4020

 95.9270, 0.3561,
0.4020


547.1284, 0.3377,
0.3695

 72.9068, 0.3599,
0.4091

 155.5447, 0.3500,
0.3910

 53.8997, 0.3644,
0.4176


192.9109, 0.3476,
0.3866

 38.5215, 0.3697,
0.4281


235.8279, 0.3454,
0.3828

 26.3877, 0.3761,
0.4413

284.6801, 0.3435,
0.3795

 17.1139, 0.3839,
0.4583

339.8518, 0.3418,
0.3766

 10.3157, 0.3931,
0.4805

401.7275, 0.3403,

 5.6088, 0.4032,

0.3739

0.5104

470.6916, 0.3389,
0.3716

■ 2.6087, 0.4276,
0.5724

■ 0.9310, 0.3938,
0.6062

■ 95.9270, 0.3561,
0.4020

■ 95.9270, 0.3561,
0.4020

■ 94.9124, 0.3705,
0.4265

■ 97.1362, 0.3411,
0.3767

■ 94.0776, 0.3838,
0.4490

■ 98.5453, 0.3260,
0.3513

■ 93.4124, 0.3953,
0.4687

100.0000, 0.3127,
0.3290

■ 92.9043, 0.4046,
0.4847

■ 92.5385, 0.4112,
0.4963

■ 92.2978, 0.4152,
0.5035

■ 92.1566, 0.4169,
0.5069

■ 92.1452, 0.4170,
0.5071

Harmonies

Analogous

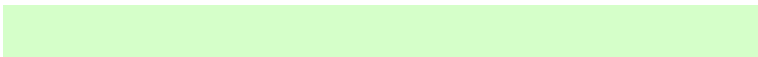
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9270, 0.3851, 0.3865



95.9270, 0.3561, 0.4020



95.9270, 0.3166, 0.3959

Triad

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



95.9270, 0.3561, 0.4020



95.9270, 0.2374, 0.2919



95.9270, 0.3461, 0.2942

Complementary

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



95.9270, 0.3561, 0.4020



50.1823, 0.2620, 0.2442

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.



95.9270, 0.3045, 0.2721



95.9270, 0.3561, 0.4020



95.9270, 0.2439, 0.2692

Square

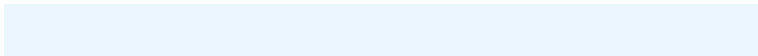
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



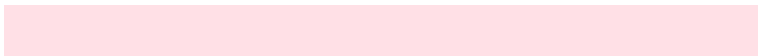
95.9270, 0.3561, 0.4020



95.9270, 0.2493, 0.3279



95.9270, 0.2676, 0.2629



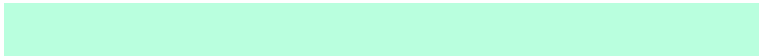
95.9270, 0.3799, 0.3247

Rectangle

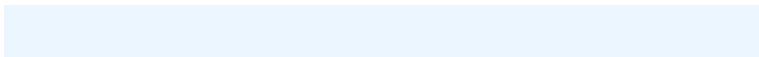
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.9270, 0.3561, 0.4020



95.9270, 0.2899, 0.3790



95.9270, 0.2676, 0.2629



95.9270, 0.3325, 0.2856

Sweetspot

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



95.9285, 0.3561, 0.4020



98.5514, 0.3260, 0.3512



57.6201, 0.3776, 0.3292



21.0474, 0.3281, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

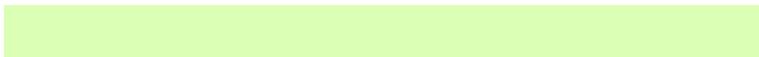
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9285, 0.3561, 0.4020



95.3005, 0.3648, 0.4167



89.7553, 0.3319, 0.4081



21.0778, 0.3267, 0.3525



48.1535, 0.4170, 0.5071



4.6923, 0.4173, 0.5069

Inverse Universe

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



50.1823, 0.2620, 0.2442



42.6097, 0.2497, 0.2237



55.1474, 0.2878, 0.2501



17.3892, 0.2980, 0.3044



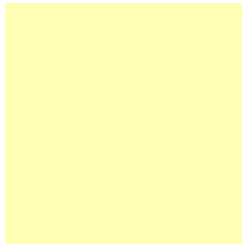
3.7889, 0.1504, 0.0602



0.3728, 0.1513, 0.0607

Previews

White Background



This preview shows how the Yxy color 95.9270, 0.3561, 0.4020 looks on a white background.

Color Contrast Check

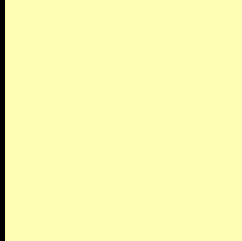
Large Text (above 18pt) WCAG AA × Fail

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 95.9270, 0.3561, 0.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

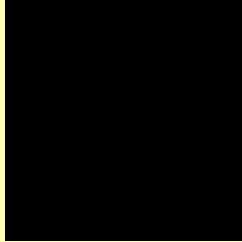
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9270, 0.3561, 0.4020

Background



This preview shows how black text looks on a background with the Yxy color 95.9270, 0.3561, 0.4020.

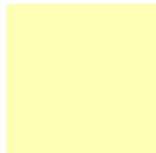


This preview shows how white text looks on a background with the Yxy color 95.9270, 0.3561, 0.4020.

Color Blindness Simulation

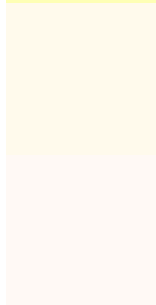
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.9270, 0.3561, 0.4020



Protanopia

95.6873, 0.3243, 0.3426

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

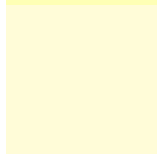
95.6148, 0.3130, 0.3223

Trichromacy



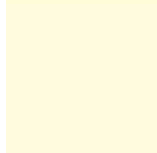
Original Color

95.9270, 0.3561, 0.4020



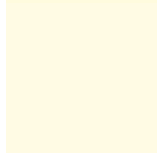
Protanomaly

95.8387, 0.3362, 0.3643



Deuteranomaly

95.5283, 0.3327, 0.3574



Tritanomaly

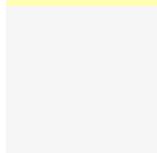
95.8558, 0.3290, 0.3514

Monochromacy



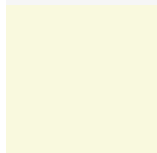
Original Color

95.9270, 0.3561, 0.4020



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.1650, 0.3289, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9270, 0.3561, 0.4020 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(254, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 181)  
}
```

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(254, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 95.9270, 0.3561, 0.4020 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(254, 255, 181) }
```

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

```
.border{ border-color:rgb(254, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9270, 0.3561, 0.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 181) }
```

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

```
.background{ background-color: rgb(254,  
255, 181) }
```

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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