

Converting Colors

$Yxy(95.3958, 0.3625, 0.4132)$

Have a look what the booklet for
Yxy(95.3958, 0.3625, 0.4132)
contains.

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Color

Yxy(95.4931, 0.3625, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFAA
RGB	254, 255, 170
RGB Percent	100%, 100%, 67%
CMY	0.0038, 0.0000, 0.3332
CMYK	0.00, 0.00, 0.33, 0.00
HSL	61°, 100%, 83%
HSV	61°, 33%, 100%
XYZ	83.8978, 95.4931, 52.0514
YIQ	245.0110, 26.6890, -26.6470

Conversions

Conversions Part 2

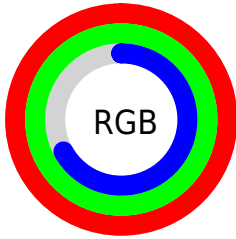
Format	Color
RYB	170, 255, 171
Decimal	16711594
CIELab	98.23, -12.74, 40.57
CIELCh	98, 42.521, 107.437
Yxy	95.4931, 0.3625, 0.4126
Android (android.graphics.Color)	4294901674 (0xFFFEFFAA)
YUV	245.0110, -36.9804, 7.8834
Hunter-Lab	97.7206, -17.7601, 36.8233

Details

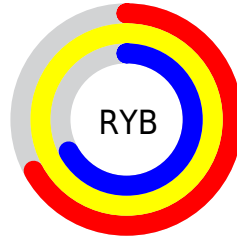
The Yxy color **95.4931, 0.3625, 0.4126** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.6359, 0.2531, 0.2295**, and the grayscale version is **91.6141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **53.4083, 0.3715, 0.4297** is the 20% darker color. If you saturate the color by 10%, you get **94.5690, 0.3766, 0.4363**, and if you desaturate by 10%, it is **96.6131, 0.3476, 0.3875**.

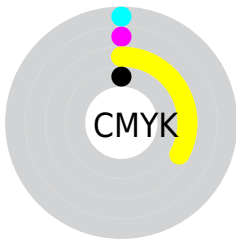
Distribution



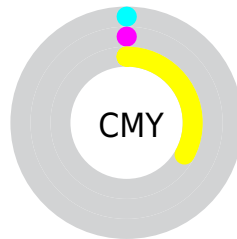
- Red (100%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4931, 0.3625, 0.4126 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 95.4931, 0.3625, 0.4126 by changing the saturation by 10% instead.

 95.4931, 0.3625,
0.4126

 95.4931, 0.3625,
0.4126


545.7424, 0.3415,
0.3754

 72.5455, 0.3668,
0.4207


 154.9457, 0.3556,
0.4000

 53.6044, 0.3717,
0.4303


192.2194, 0.3529,
0.3950

 38.2855, 0.3776,
0.4422


235.0372, 0.3504,
0.3907

 26.2043, 0.3845,
0.4570

283.7836, 0.3482,
0.3869

 16.9766, 0.3925,
0.4757

338.8429, 0.3463,
0.3835

 10.2178, 0.4015,
0.4998


400.5995, 0.3445,


 5.5436, 0.4120,

0.3805


0.5335

469.4379, 0.3429,
0.3778


 2.5696, 0.4203,
0.5797


 0.9114, 0.3785,
0.6215


 95.4931, 0.3625,
0.4126


 95.4931, 0.3625,
0.4126


 94.5690, 0.3766,
0.4363


 96.6131, 0.3476,
0.3875

 93.8170, 0.3892,
0.4578

 97.9259, 0.3325,
0.3621

 93.2295, 0.3998,
0.4759

 99.4454, 0.3176,
0.3371

 92.7929, 0.4080,
0.4900

99.9982, 0.3127,
0.3290

■ 92.4916, 0.4135,
0.4997

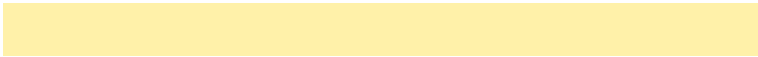
■ 92.3067, 0.4165,
0.5051

■ 92.2299, 0.4173,
0.5069

Harmonies

Analogous

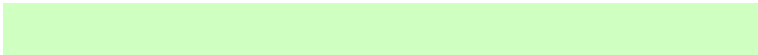
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4931, 0.3956, 0.3936



95.4931, 0.3625, 0.4126



95.4931, 0.3174, 0.4068

Triad

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



95.4931, 0.3625, 0.4126



95.4931, 0.2274, 0.2866



95.4931, 0.3501, 0.2889

Complementary

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



95.4931, 0.3625, 0.4126



44.6359, 0.2531, 0.2295

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.



95.4931, 0.3023, 0.2644



95.4931, 0.3625, 0.4126



95.4931, 0.2344, 0.2611

Square

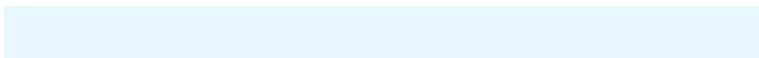
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.4931, 0.3625, 0.4126



95.4931, 0.2409, 0.3280



95.4931, 0.2607, 0.2541



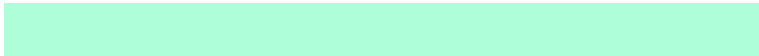
95.4931, 0.3893, 0.3230

Rectangle

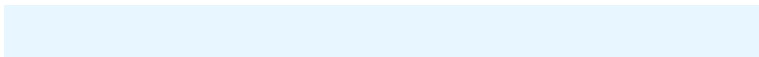
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.4931, 0.3625, 0.4126



95.4931, 0.2870, 0.3875



95.4931, 0.2607, 0.2541



95.4931, 0.3343, 0.2794

Sweetspot

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



95.4974, 0.3625, 0.4126



98.4100, 0.3275, 0.3537



52.9215, 0.3912, 0.3292



21.0196, 0.3296, 0.3573



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

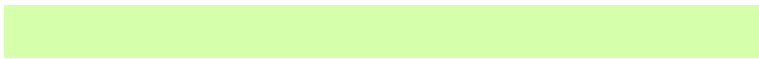
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4974, 0.3625, 0.4126



94.8598, 0.3720, 0.4287



88.4945, 0.3345, 0.4209



21.0796, 0.3267, 0.3525



48.1982, 0.4173, 0.5068



4.6962, 0.4176, 0.5066

Inverse Universe

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



44.6359, 0.2531, 0.2295



36.8886, 0.2389, 0.2059



50.0517, 0.2832, 0.2373



17.3877, 0.2980, 0.3044



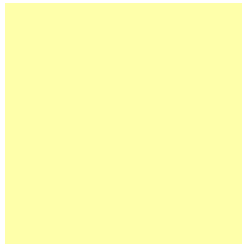
3.7867, 0.1503, 0.0602



0.3720, 0.1512, 0.0606

Previews

White Background



This preview shows how the Yxy color 95.4931, 0.3625, 0.4126 looks on a white background.

Color Contrast Check

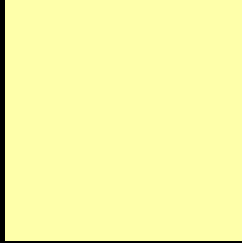
Large Text (above 18pt) WCAG AA × Fail

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 95.4931, 0.3625, 0.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

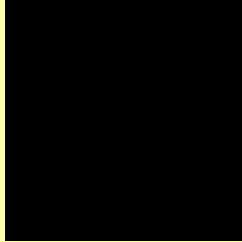
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.4931, 0.3625, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 95.4931, 0.3625, 0.4126.

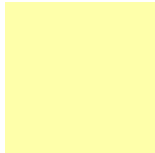


This preview shows how white text looks on a background with the Yxy color 95.4931, 0.3625, 0.4126.

Color Blindness Simulation

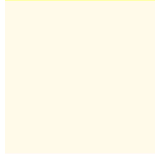
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



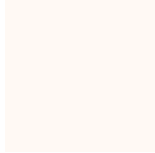
Original Color

95.4931, 0.3625, 0.4126



Protanopia

95.5144, 0.3261, 0.3455



Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

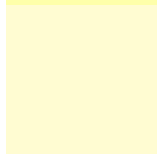
95.5506, 0.3136, 0.3233

Trichromacy



Original Color

95.4931, 0.3625, 0.4126



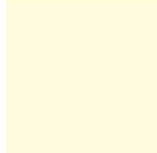
Protanomaly

95.5340, 0.3398, 0.3703



Deuteranomaly

95.2641, 0.3357, 0.3623



Tritanomaly

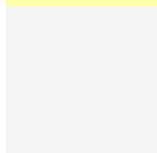
95.5821, 0.3320, 0.3564

Monochromacy



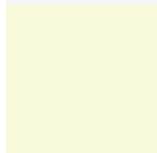
Original Color

95.4931, 0.3625, 0.4126



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.7698, 0.3307, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4931, 0.3625, 0.4126 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 170) }
```

Border

The CSS property to change the border of an element to Yxy 95.4931, 0.3625, 0.4126 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, 170) }
```

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

```
.border{ border-color:rgb(254, 255, 170) }
```

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, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4931, 0.3625, 0.4126 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, 170) }
```

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

```
.background{ background-color: rgb(254,  
255, 170) }
```

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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