

Converting Colors

Yxy(103.6408, 0.3443, 0.4162)

Have a look what the booklet for
Yxy(103.6408, 0.3443, 0.4162)
contains.

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Color

Yxy(93.7746, 0.3473, 0.4030)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFB6
RGB	242, 255, 182
RGB Percent	95%, 100%, 71%
CMY	0.0511, 0.0000, 0.2862
CMYK	0.05, 0.00, 0.29, 0.00
HSL	71°, 100%, 86%
HSV	71°, 29%, 100%
XYZ	80.8137, 93.7746, 58.1030
YIQ	242.7910, 15.6850, -25.4590

Conversions

Conversions Part 2

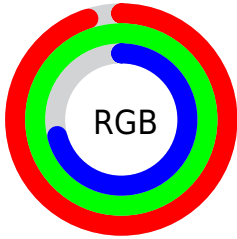
Format	Color
R_{YB}	182, 255, 195
Decimal	15925174
CIE _{Lab}	97.54, -15.72, 33.54
CIE _{LCh}	98, 37.040, 115.114
Yxy	93.7746, 0.3473, 0.4030
Android (android.graphics.Color)	4294115254 (0xFFFF2FFB6)
YUV	242.7910, -29.9700, -0.6937
Hunter-Lab	96.8373, -20.5015, 32.2117

Details

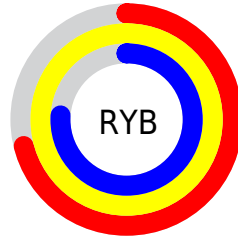
The Yxy color **93.7746, 0.3473, 0.4030** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.2899, 0.2712, 0.2475**, and the grayscale version is **89.6784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **52.2610, 0.3541, 0.4196** is the 20% darker color. If you saturate the color by 10%, you get **92.0134, 0.3587, 0.4294**, and if you desaturate by 10%, it is **95.7372, 0.3353, 0.3764**.

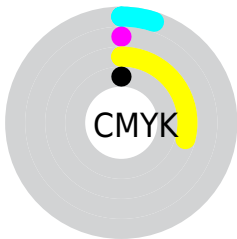
Distribution



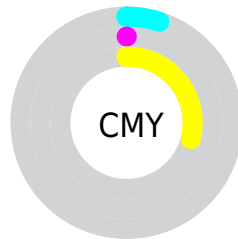
- Red (95%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7746, 0.3473, 0.4030 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 93.7746, 0.3473, 0.4030 by changing the saturation by 10% instead.

 93.7746, 0.3473,
0.4030

 93.7746, 0.3473,
0.4030


540.2345, 0.3327,
0.3696

 71.1155, 0.3503,
0.4104


 152.5706, 0.3425,
0.3916

 52.4365, 0.3538,
0.4194

189.4762, 0.3406,
0.3871

 37.3531, 0.3579,
0.4305


231.8995, 0.3389,
0.3832

 25.4810, 0.3628,
0.4446

280.2249, 0.3374,
0.3798

 16.4358, 0.3686,
0.4630

334.8367, 0.3360,
0.3768

 9.8330, 0.3752,
0.4878

396.1193, 0.3348,

 5.2884, 0.3817,

0.3741

0.5221

464.4571, 0.3337,
0.3717

■ 2.4175, 0.4022,
0.5978

■ 0.8348, 0.3292,
0.6708

■ 93.7746, 0.3473,
0.4030

■ 93.7746, 0.3473,
0.4030

■ 92.0134, 0.3587,
0.4294

■ 95.7372, 0.3353,
0.3764

■ 90.4590, 0.3690,
0.4547

■ 97.9269, 0.3231,
0.3504

■ 89.0945, 0.3776,
0.4777

100.0000, 0.3127,
0.3290

■ 87.9070, 0.3840,
0.4973

■ 86.8820, 0.3878,
0.5127

■ 86.0021, 0.3889,
0.5234

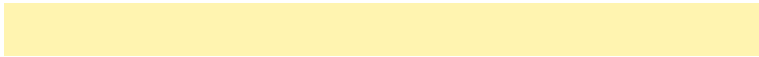
■ 85.2427, 0.3877,
0.5298

■ 85.1430, 0.3875,
0.5305

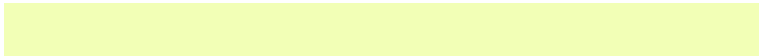
Harmonies

Analogous

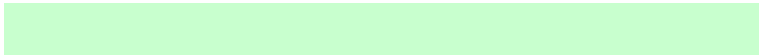
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7746, 0.3799, 0.3920



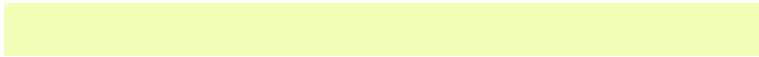
93.7746, 0.3473, 0.4030



93.7746, 0.3068, 0.3912

Triad

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



93.7746, 0.3473, 0.4030



93.7746, 0.2371, 0.2848



93.7746, 0.3556, 0.3008

Complementary

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



93.7746, 0.3473, 0.4030



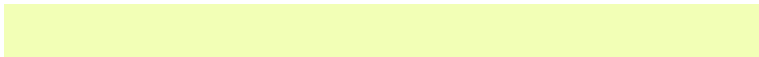
52.2899, 0.2712, 0.2475

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.



93.7746, 0.3145, 0.2762



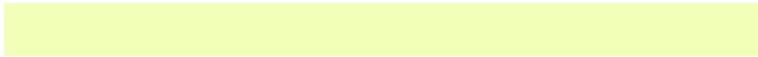
93.7746, 0.3473, 0.4030



93.7746, 0.2479, 0.2659

Square

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



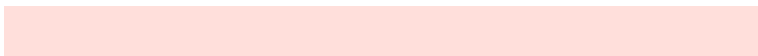
93.7746, 0.3473, 0.4030



93.7746, 0.2446, 0.3184



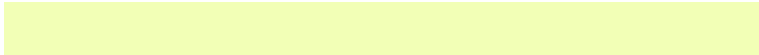
93.7746, 0.2754, 0.2635



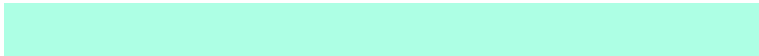
93.7746, 0.3857, 0.3326

Rectangle

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



93.7746, 0.3473, 0.4030



93.7746, 0.2809, 0.3711



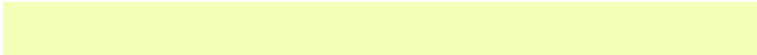
93.7746, 0.2754, 0.2635



93.7746, 0.3425, 0.2915

Sweetspot

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



93.7693, 0.3473, 0.4030



97.8400, 0.3235, 0.3514



63.3008, 0.3727, 0.3419



20.8708, 0.3253, 0.3551



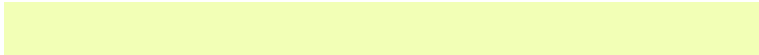
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

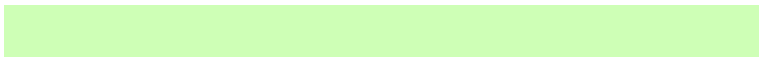
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7693, 0.3473, 0.4030



92.7993, 0.3536, 0.4173



88.0688, 0.3238, 0.4088



20.9171, 0.3241, 0.3527



44.5486, 0.3880, 0.5301



4.3785, 0.3918, 0.5271

Inverse Universe

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



52.2899, 0.2712, 0.2475



45.4997, 0.2618, 0.2298



57.6158, 0.2974, 0.2534



17.5337, 0.3006, 0.3046



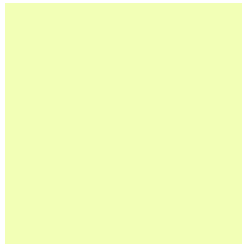
4.1153, 0.1580, 0.0644



0.4411, 0.1673, 0.0695

Previews

White Background



This preview shows how the Yxy color 93.7746, 0.3473, 0.4030 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 93.7746, 0.3473, 0.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

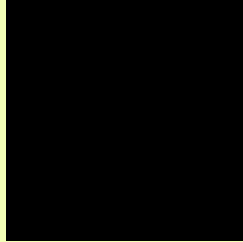
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.7746, 0.3473, 0.4030

Background



This preview shows how black text looks on a background with the Yxy color 93.7746, 0.3473, 0.4030.

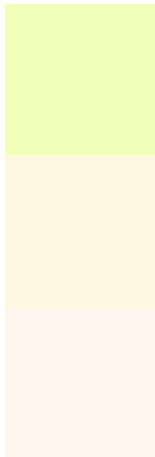


This preview shows how white text looks on a background with the Yxy color 93.7746, 0.3473, 0.4030.

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

93.7746, 0.3473, 0.4030

Protanopia

93.8310, 0.3312, 0.3515

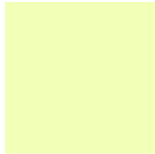
Deuteranopia

93.4628, 0.3222, 0.3348

Tritanopia

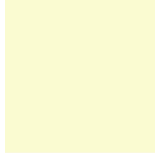
93.4555, 0.3099, 0.3203

Trichromacy



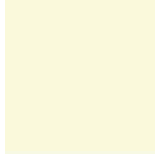
Original Color

93.7746, 0.3473, 0.4030



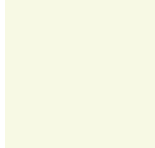
Protanomaly

93.9218, 0.3373, 0.3708



Deuteranomaly

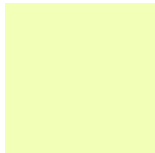
93.1898, 0.3314, 0.3588



Tritanomaly

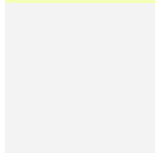
93.1270, 0.3240, 0.3498

Monochromacy



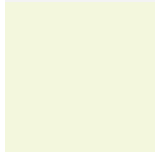
Original Color

93.7746, 0.3473, 0.4030



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.7967, 0.3258, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7746, 0.3473, 0.4030 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(242, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 182)  
}
```

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(242, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 182) }
```

Border

The CSS property to change the border of an element to Yxy 93.7746, 0.3473, 0.4030 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(242, 255, 182) }
```

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

```
.border{ border-color:rgb(242, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7746, 0.3473, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 182) }
```

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

```
.background{ background-color: rgb(242,  
255, 182) }
```

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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