

Converting Colors

$Y_{xy}(93.6760, 0.3495, 0.4065)$

Have a look what the booklet for
Yxy(93.6760, 0.3495, 0.4065)
contains.

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Color

Yxy(93.6519, 0.3491, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFB3
RGB	242, 255, 179
RGB Percent	95%, 100%, 70%
CMY	0.0508, 0.0000, 0.2979
CMYK	0.05, 0.00, 0.30, 0.00
HSL	70°, 100%, 85%
HSV	70°, 30%, 100%
XYZ	80.5268, 93.6519, 56.4910
YIQ	242.4490, 16.6480, -26.3920

Conversions

Conversions Part 2

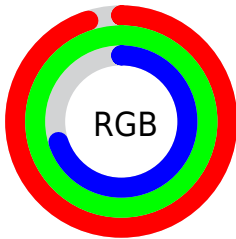
Format	Color
R_{YB}	179, 255, 192
Decimal	15925171
CIE _{Lab}	97.49, -16.07, 34.97
CIE _{LCh}	97, 38.483, 114.680
Yxy	93.6519, 0.3491, 0.4060
Android (android.graphics.Color)	4294115251 (0xFFFF2FFB3)
YUV	242.4490, -31.2804, -0.3938
Hunter-Lab	96.7739, -20.8222, 33.1317

Details

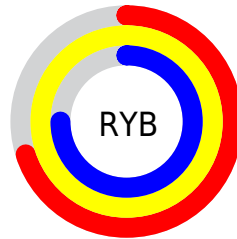
The Yxy color **93.6519, 0.3491, 0.4060** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.6721, 0.2688, 0.2436**, and the grayscale version is **89.4188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **52.2088, 0.3555, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **91.9574, 0.3606, 0.4323**, and if you desaturate by 10%, it is **95.5638, 0.3369, 0.3794**.

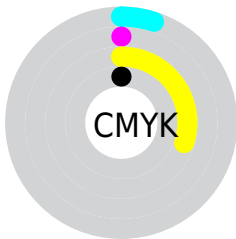
Distribution



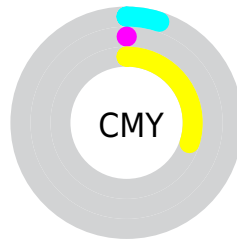
- Red (95%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6519, 0.3491, 0.4060 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 93.6519, 0.3491, 0.4060 by changing the saturation by 10% instead.


 93.6519, 0.3491,
0.4060

 93.6519, 0.3491,
0.4060

539.8401, 0.3338,
0.3712

 71.0135, 0.3522,
0.4137


 152.4008, 0.3441,
0.3941

 52.3532, 0.3558,
0.4230

189.2801, 0.3421,
0.3895

 37.2867, 0.3601,
0.4345


231.6751, 0.3403,
0.3854

 25.4295, 0.3652,
0.4492

279.9703, 0.3387,
0.3819

 16.3974, 0.3711,
0.4682

334.5500, 0.3373,
0.3787

 9.8058, 0.3778,
0.4936

395.7986, 0.3360,

 5.2704, 0.3841,

0.3759

0.5287

464.1005, 0.3348,
0.3735

■ 2.4068, 0.4002,
0.5998

■ 0.8294, 0.3232,
0.6768

■ 93.6519, 0.3491,
0.4060

■ 93.6519, 0.3491,
0.4060

■ 91.9574, 0.3606,
0.4323

■ 95.5638, 0.3369,
0.3794


■ 90.4571, 0.3708,
0.4572


■ 97.6905, 0.3246,
0.3534


■ 89.1436, 0.3793,
0.4797


99.9959, 0.3127,
0.3290

■ 88.0038, 0.3856,
0.4987

 87.0229, 0.3892,
0.5134

 86.1831, 0.3902,
0.5234

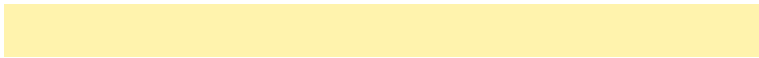
 85.4563, 0.3890,
0.5293

 85.4418, 0.3889,
0.5294

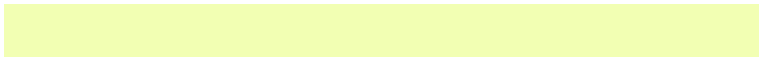
Harmonies

Analogous

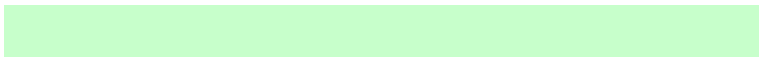
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6519, 0.3828, 0.3941



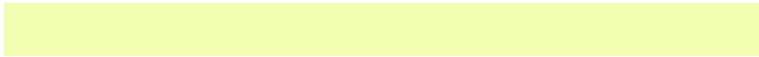
93.6519, 0.3491, 0.4060



93.6519, 0.3070, 0.3942

Triad

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



93.6519, 0.3491, 0.4060



93.6519, 0.2343, 0.2834



93.6519, 0.3567, 0.2993

Complementary

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



93.6519, 0.3491, 0.4060



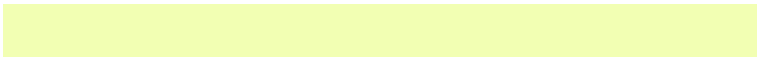
50.6721, 0.2688, 0.2436

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.



93.6519, 0.3139, 0.2740



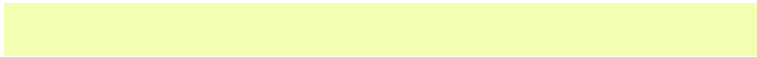
93.6519, 0.3491, 0.4060



93.6519, 0.2452, 0.2637

Square

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



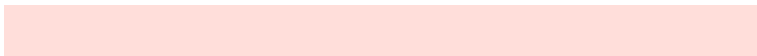
93.6519, 0.3491, 0.4060



93.6519, 0.2423, 0.3184



93.6519, 0.2734, 0.2611



93.6519, 0.3883, 0.3321

Rectangle

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



93.6519, 0.3491, 0.4060



93.6519, 0.2801, 0.3734



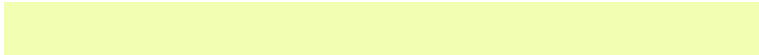
93.6519, 0.2734, 0.2611



93.6519, 0.3430, 0.2898

Sweetspot

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



93.6561, 0.3491, 0.4060



97.8745, 0.3236, 0.3514



62.0753, 0.3760, 0.3424



20.8794, 0.3254, 0.3551



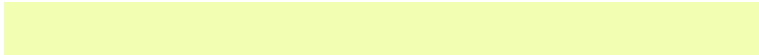
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

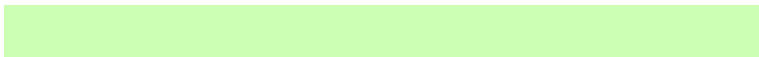
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6561, 0.3491, 0.4060



92.5831, 0.3563, 0.4224



87.6578, 0.3242, 0.4125



20.9249, 0.3243, 0.3527



44.7054, 0.3894, 0.5290



4.3923, 0.3930, 0.5261

Inverse Universe

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



50.6721, 0.2688, 0.2436



43.0514, 0.2576, 0.2230



56.2374, 0.2966, 0.2501



17.5265, 0.3005, 0.3046



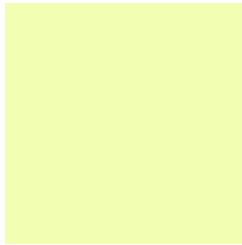
4.0895, 0.1574, 0.0641



0.4376, 0.1665, 0.0691

Previews

White Background



This preview shows how the Yxy color 93.6519, 0.3491, 0.4060 looks on a white background.

Color Contrast Check

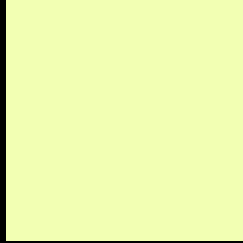
Large Text (above 18pt) WCAG AA × Fail

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 93.6519, 0.3491, 0.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

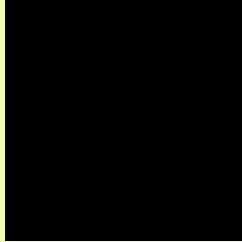
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.6519, 0.3491, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 93.6519, 0.3491, 0.4060.

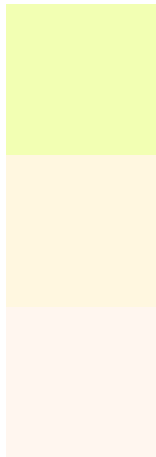


This preview shows how white text looks on a background with the Yxy color 93.6519, 0.3491, 0.4060.

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

93.6519, 0.3491, 0.4060

Protanopia

93.1633, 0.3319, 0.3516

Deuteranopia

93.4035, 0.3228, 0.3358

Tritanopia

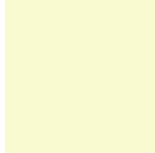
93.4555, 0.3099, 0.3203

Trichromacy



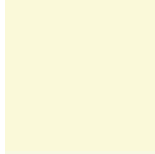
Original Color

93.6519, 0.3491, 0.4060



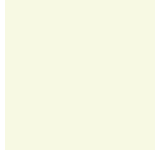
Protanomaly

93.2493, 0.3380, 0.3709



Deuteranomaly

93.0851, 0.3327, 0.3608



Tritanomaly

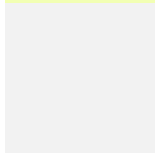
93.0716, 0.3246, 0.3509

Monochromacy



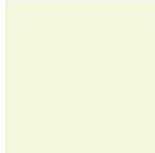
Original Color

93.6519, 0.3491, 0.4060



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.5132, 0.3263, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6519, 0.3491, 0.4060 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 179) }
```

Border

The CSS property to change the border of an element to Yxy 93.6519, 0.3491, 0.4060 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, 179) }
```

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

```
.border{ border-color:rgb(242, 255, 179) }
```

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, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6519, 0.3491, 0.4060 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, 179) }
```

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

```
.background{ background-color: rgb(242,  
255, 179) }
```

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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