

Converting Colors

$Yxy(93.5406, 0.3911, 0.4622)$

Have a look what the booklet for
Yxy(93.5406, 0.3911, 0.4622)
contains.

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Color

Yxy(93.6176, 0.3912, 0.4618)

Conversions

Conversions Part 1

Format	Color
Hex	FDFE72
RGB	253, 255, 114
RGB Percent	99%, 100%, 45%
CMY	0.0078, 0.0000, 0.5530
CMYK	0.01, 0.00, 0.55, 0.00
HSL	61°, 100%, 72%
HSV	61°, 55%, 100%
XYZ	79.3053, 93.6176, 29.8003
YIQ	238.3280, 44.0690, -44.2750

Conversions

Conversions Part 2

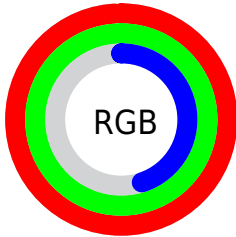
Format	Color
RYB	114, 255, 116
Decimal	16646002
CIELab	97.48, -18.41, 65.80
CIELCh	97, 68.326, 105.634
Yxy	93.6176, 0.3912, 0.4618
Android (android.graphics.Color)	4294836082 (0xFFFFDFF72)
YUV	238.3280, -61.2937, 12.8673
Hunter-Lab	96.7562, -23.0174, 49.4684

Details

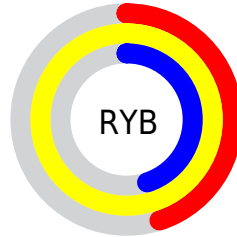
The Yxy color **93.6176, 0.3912, 0.4618** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **22.9592, 0.2062, 0.1514**, and the grayscale version is **86.2244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **52.1630, 0.4032, 0.4868** is the 20% darker color. If you saturate the color by 10%, you get **93.0484, 0.4013, 0.4792**, and if you desaturate by 10%, it is **94.3493, 0.3790, 0.4409**.

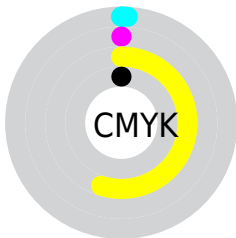
Distribution



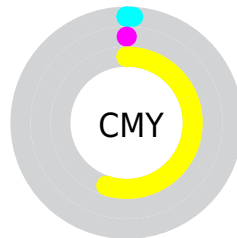
- Red (99%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6176, 0.3912, 0.4618 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 93.6176, 0.3912, 0.4618 by changing the saturation by 10% instead.


 93.6176, 0.3912,
0.4618

 93.6176, 0.3912,
0.4618


539.7298, 0.3602,
0.4039

 70.9849, 0.3967,
0.4736


 152.3534, 0.3817,
0.4428

 52.3299, 0.4026,
0.4874


 189.2253, 0.3776,
0.4350

 37.2681, 0.4088,
0.5035


 231.6124, 0.3740,
0.4282

 25.4151, 0.4147,
0.5222

279.8991, 0.3707,
0.4222

 16.3866, 0.4191,
0.5434

334.4698, 0.3677,
0.4169

 9.7981, 0.4254,
0.5746

395.7089, 0.3650,

 5.2653, 0.4107,

0.4121

0.5893

464.0008, 0.3625,
0.4078

■ 2.4038, 0.3869,
0.6131

■ 0.8278, 0.2895,
0.7105

■ 93.6176, 0.3912,
0.4618

■ 93.6176, 0.3912,
0.4618

■ 93.0484, 0.4013,
0.4792

■ 94.3493, 0.3790,
0.4409

■ 92.6270, 0.4089,
0.4926


■ 95.2549, 0.3652,
0.4175


■ 92.3376, 0.4139,
0.5014

■ 96.3457, 0.3505,
0.3926

■ 92.1603, 0.4163,
0.5061

■ 97.6319, 0.3354,
0.3672

 92.1022, 0.4168,
0.5072

 99.1229, 0.3205,
0.3420

100.0000, 0.3127,
0.3290

Harmonies

Analogous

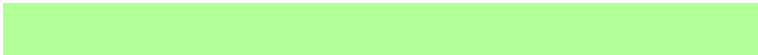
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6176, 0.4445, 0.4223



93.6176, 0.3912, 0.4618



93.6176, 0.3204, 0.4623

Triad

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



93.6176, 0.3912, 0.4618



93.6176, 0.1826, 0.2616



93.6176, 0.3672, 0.2640

Complementary

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



93.6176, 0.3912, 0.4618



22.9592, 0.2062, 0.1514

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.



93.6176, 0.2899, 0.2293



93.6176, 0.3912, 0.4618



93.6176, 0.1915, 0.2240

Square

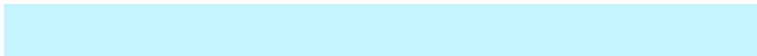
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.6176, 0.3912, 0.4618



93.6176, 0.2025, 0.3287



93.6176, 0.2279, 0.2146



93.6176, 0.4341, 0.3128

Rectangle

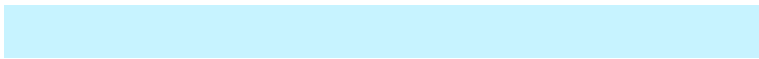
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.6176, 0.3912, 0.4618



93.6176, 0.2730, 0.4320



93.6176, 0.2279, 0.2146



93.6176, 0.3410, 0.2505

Sweetspot

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



93.6179, 0.3912, 0.4618



97.3997, 0.3380, 0.3715



34.5027, 0.4803, 0.3295



20.7903, 0.3410, 0.3766



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.



93.6179, 0.3912, 0.4618



93.0145, 0.4019, 0.4803



82.9848, 0.3442, 0.4867



21.0769, 0.3267, 0.3525



48.1314, 0.4169, 0.5072



4.6904, 0.4172, 0.5070

Inverse Universe

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



22.9592, 0.2062, 0.1514



16.1158, 0.1852, 0.1167



29.4989, 0.2564, 0.1721



17.3900, 0.2981, 0.3044



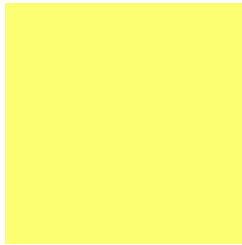
3.7901, 0.1504, 0.0602



0.3731, 0.1514, 0.0608

Previews

White Background



This preview shows how the Yxy color 93.6176, 0.3912, 0.4618 looks on a white background.

Color Contrast Check

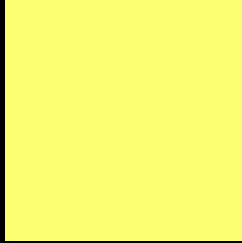
Large Text (above 18pt) WCAG AA × Fail

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 93.6176, 0.3912, 0.4618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

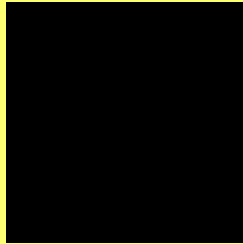
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.6176, 0.3912, 0.4618

Background



This preview shows how black text looks on a background with the Yxy color 93.6176, 0.3912, 0.4618.

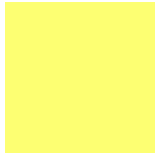


This preview shows how white text looks on a background with the Yxy color 93.6176, 0.3912, 0.4618.

Color Blindness Simulation

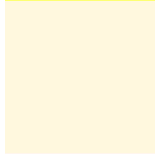
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



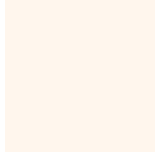
Original Color

93.6176, 0.3912, 0.4618



Protanopia

93.6687, 0.3330, 0.3545



Deuteranopia

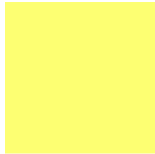
93.2860, 0.3240, 0.3378



Tritanopia

93.5931, 0.3150, 0.3223

Trichromacy



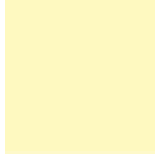
Original Color

93.6176, 0.3912, 0.4618



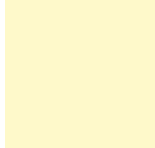
Protanomaly

93.4841, 0.3558, 0.3964



Deuteranomaly

92.6280, 0.3508, 0.3856



Tritanomaly

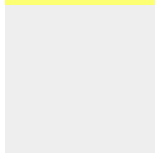
93.0865, 0.3446, 0.3756

Monochromacy



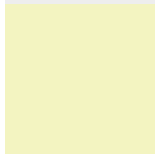
Original Color

93.6176, 0.3912, 0.4618



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.6063, 0.3436, 0.3813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6176, 0.3912, 0.4618 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(253, 255, 114)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 114)  
}
```

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(253, 255, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 114) }
```

Border

The CSS property to change the border of an element to Yxy 93.6176, 0.3912, 0.4618 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(253, 255, 114) }
```

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

```
.border{ border-color:rgb(253, 255, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 114);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6176, 0.3912, 0.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 114) }
```

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

```
.background{ background-color: rgb(253,  
255, 114) }
```

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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