

Converting Colors

$Y_{xy}(149.5715, 0.3610, 0.4997)$

Have a look what the booklet for
Yxy(149.5715, 0.3610, 0.4997)
contains.

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Color

Yxy(93.9960, 0.3882, 0.4552)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF7A
RGB	254, 255, 122
RGB Percent	100%, 100%, 48%
CMY	0.0037, 0.0000, 0.5215
CMYK	0.00, 0.00, 0.52, 0.00
HSL	60°, 100%, 74%
HSV	60°, 52%, 100%
XYZ	80.1609, 93.9960, 32.3369
YIQ	239.5390, 42.0970, -41.5750

Conversions

Conversions Part 2

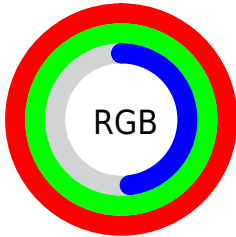
Format	Color
RYB	122, 255, 123
Decimal	16711546
CIELab	97.63, -17.38, 62.48
CIElCh	98, 64.851, 105.549
Yxy	93.9960, 0.3882, 0.4552
Android (android.graphics.Color)	4294901626 (0xFFFEFF7A)
YUV	239.5390, -57.9467, 12.6823
Hunter-Lab	96.9515, -22.0788, 48.0907

Details

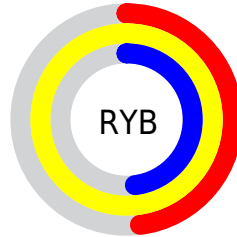
The Yxy color **93.9960, 0.3882, 0.4552** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **25.3525, 0.2123, 0.1622**, and the grayscale version is **87.2047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9944, 0.3585, 0.4047**, and **52.3955, 0.4002, 0.4797** is the 20% darker color. If you saturate the color by 10%, you get **93.4148, 0.3992, 0.4737**, and if you desaturate by 10%, it is **94.7517, 0.3753, 0.4335**.

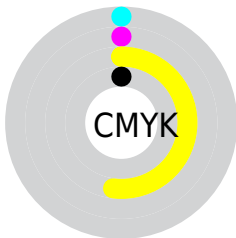
Distribution



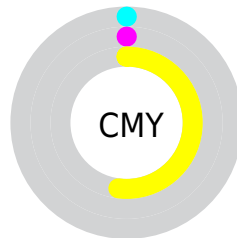
- Red (100%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9960, 0.3882, 0.4552 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 93.9960, 0.3882, 0.4552 by changing the saturation by 10% instead.

 93.9960, 0.3882,
0.4552


 93.9960, 0.3882,
0.4552

540.9458, 0.3580,
0.4000

 71.2996, 0.3937,
0.4666


 152.8768, 0.3788,
0.4370

 52.5868, 0.3997,
0.4799


 189.8300, 0.3749,
0.4296

 37.4730, 0.4062,
0.4956


 232.3043, 0.3713,
0.4231

 25.5739, 0.4126,
0.5141


280.6841, 0.3681,
0.4174

 16.5052, 0.4181,
0.5354

335.3537, 0.3652,
0.4123

 9.8823, 0.4250,
0.5654


396.6976, 0.3626,


 5.3210, 0.4154,


0.4078


0.5846


465.1002, 0.3602,
0.4037


 2.4368, 0.3932,
0.6068


 0.8447, 0.3094,
0.6906

 93.9960, 0.3882,
0.4552


 93.9960, 0.3882,
0.4552


 93.4148, 0.3992,
0.4737

 94.7517, 0.3753,
0.4335


 92.9819, 0.4077,
0.4882


 95.6807, 0.3610,
0.4096

 92.6863, 0.4136,
0.4983

 96.7981, 0.3460,
0.3845

 92.5094, 0.4169,
0.5041

 98.1138, 0.3308,
0.3591

 92.4322, 0.4181,
0.5062

 99.6370, 0.3159,
0.3342

99.9941, 0.3127,
0.3290

Harmonies

Analogous

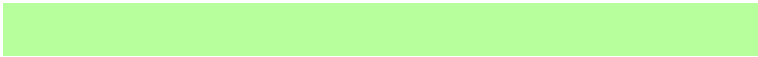
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9960, 0.4385, 0.4185



93.9960, 0.3882, 0.4552



93.9960, 0.3209, 0.4547

Triad

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



93.9960, 0.3882, 0.4552



93.9960, 0.1884, 0.2654



93.9960, 0.3643, 0.2669

Complementary

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



93.9960, 0.3882, 0.4552



25.3525, 0.2123, 0.1622

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.



93.9960, 0.2911, 0.2336



93.9960, 0.3882, 0.4552



93.9960, 0.1968, 0.2290

Square

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



93.9960, 0.3882, 0.4552



93.9960, 0.2079, 0.3293



93.9960, 0.2318, 0.2196



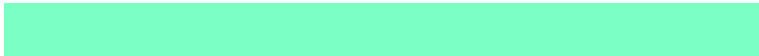
93.9960, 0.4276, 0.3138

Rectangle

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



93.9960, 0.3882, 0.4552



93.9960, 0.2756, 0.4262



93.9960, 0.2318, 0.2196



93.9960, 0.3396, 0.2540

Sweetspot

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



94.0003, 0.3882, 0.4552



97.5906, 0.3366, 0.3689



36.5889, 0.4656, 0.3295



20.8303, 0.3398, 0.3741



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

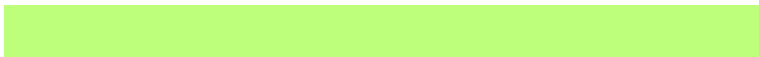
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0003, 0.3882, 0.4552



93.3798, 0.4000, 0.4751



83.6757, 0.3432, 0.4776



21.0838, 0.3268, 0.3525



48.3048, 0.4181, 0.5062



4.7053, 0.4182, 0.5061

Inverse Universe

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



25.3525, 0.2123, 0.1622



17.7468, 0.1902, 0.1257



31.9002, 0.2605, 0.1811



17.3839, 0.2979, 0.3044



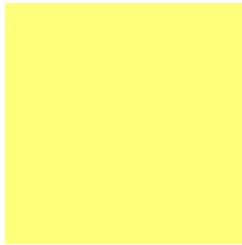
3.7813, 0.1502, 0.0601



0.3702, 0.1507, 0.0604

Previews

White Background



This preview shows how the Yxy color 93.9960, 0.3882, 0.4552 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 93.9960, 0.3882, 0.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

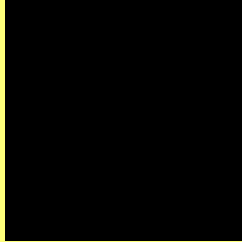
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.9960, 0.3882, 0.4552

Background



This preview shows how black text looks on a background with the Yxy color 93.9960, 0.3882, 0.4552.



This preview shows how white text looks on a background with the Yxy color 93.9960, 0.3882, 0.4552.

Color Blindness Simulation

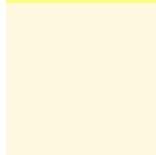
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



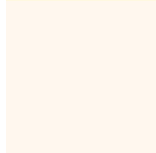
Original Color

93.9960, 0.3882, 0.4552



Protanopia

93.7766, 0.3318, 0.3525



Deuteranopia

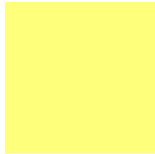
93.9546, 0.3233, 0.3378



Tritanopia

93.5931, 0.3150, 0.3223

Trichromacy



Original Color

93.9960, 0.3882, 0.4552



Protanomaly

93.8422, 0.3541, 0.3923



Deuteranomaly

93.6167, 0.3488, 0.3824



Tritanomaly

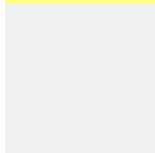
93.4191, 0.3434, 0.3725

Monochromacy



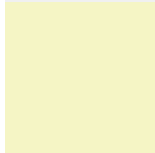
Original Color

93.9960, 0.3882, 0.4552



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.7485, 0.3423, 0.3779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9960, 0.3882, 0.4552 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 122) }
```

Border

The CSS property to change the border of an element to Yxy 93.9960, 0.3882, 0.4552 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, 122) }
```

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

```
.border{ border-color:rgb(254, 255, 122) }
```

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, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 122);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9960, 0.3882, 0.4552 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, 122) }
```

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

```
.background{ background-color: rgb(254,  
255, 122) }
```

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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