

Converting Colors

$Yxy(44.4624, 0.4844, 0.3993)$

Have a look what the booklet for
Yxy(44.4624, 0.4844, 0.3993)
contains.

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Color

Yxy(44.5925, 0.4841, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	FF994E
RGB	255, 153, 78
RGB Percent	100%, 60%, 31%
CMY	0.0000, 0.4000, 0.6942
CMYK	0.00, 0.40, 0.69, 0.00
HSL	25°, 100%, 65%
HSV	25°, 69%, 100%
XYZ	54.0086, 44.5925, 12.9638
YIQ	174.9480, 84.8670, -1.7010

Conversions

Conversions Part 2

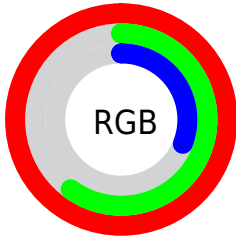
Format	Color
R_{YB}	255, 208, 78
Decimal	16750926
CIE _{Lab}	72.62, 32.14, 54.41
CIE _{LCh}	73, 63.193, 59.426
Yxy	44.5925, 0.4841, 0.3997
Android (android.graphics.Color)	4294941006 (0xFFFF994E)
YUV	174.9480, -47.7954, 70.2056
Hunter-Lab	66.7776, 27.5069, 35.2341

Details

The Yxy color **44.5925, 0.4841, 0.3997** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **41.4716, 0.2088, 0.2309**, and the grayscale version is **43.0592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9835, 0.4074, 0.4084**, and **20.7194, 0.5250, 0.4054** is the 20% darker color. If you saturate the color by 10%, you get **39.7781, 0.5148, 0.4015**, and if you desaturate by 10%, it is **50.1417, 0.4526, 0.3936**.

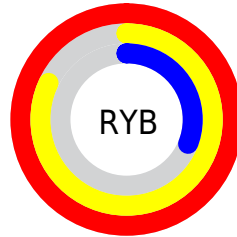
Distribution



Red (100%)

Green (60%)

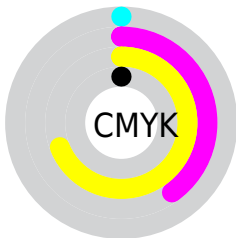
Blue (31%)



Red (100%)

Yellow (82%)

Blue (31%)

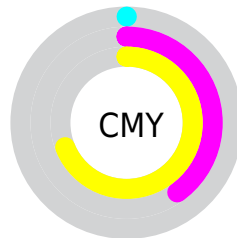


Cyan (0%)

Magenta (40%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5925, 0.4841, 0.3997 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 44.5925, 0.4841, 0.3997 by changing the saturation by 10% instead.


 44.5925, 0.4841,
0.3997

 44.5925, 0.4841,
0.3997


365.1207, 0.4006,
0.3728

 31.1366, 0.5028,
0.4031


 82.1086, 0.4551,
0.3923

 20.7029, 0.5251,
0.4054


 106.9375, 0.4438,
0.3888


 12.9070, 0.5515,
0.4051

 136.3262, 0.4340,
0.3856

 7.3645, 0.5890,
0.4039

 170.6592, 0.4255,
0.3826

 3.6911, 0.6175,
0.3825

 210.3207, 0.4181,
0.3798

 1.5023, 0.6556,
0.3444

255.6952, 0.4116,

 0.2904, 0.7881,

0.3773

0.2119

307.1670, 0.4058,
0.3749

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.5925, 0.4841,
0.3997

■ 44.5925, 0.4841,
0.3997

■ 39.7781, 0.5148,
0.4015

■ 50.1417, 0.4526,
0.3936

■ 35.6584, 0.5423,
0.3979


■ 56.4594, 0.4222,
0.3844

■ 32.1843, 0.5649,
0.3892

■ 63.5782, 0.3942,
0.3736

■ 32.0004, 0.5661,
0.3887

■ 71.5281, 0.3692,
0.3619

 80.3375, 0.3472,
0.3503

 90.0330, 0.3282,
0.3390

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.



44.5925, 0.4786, 0.3362



44.5925, 0.4841, 0.3997



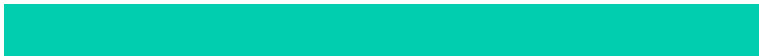
44.5925, 0.4392, 0.4598

Triad

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



44.5925, 0.4841, 0.3997



44.5925, 0.2103, 0.3805



44.5925, 0.2431, 0.2024

Complementary

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



44.5925, 0.4841, 0.3997



41.4716, 0.2088, 0.2309

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.



44.5925, 0.1884, 0.1992



44.5925, 0.4841, 0.3997



44.5925, 0.1706, 0.2863

Square

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



44.5925, 0.4841, 0.3997



44.5925, 0.2807, 0.4683



44.5925, 0.1643, 0.2250



44.5925, 0.3260, 0.2300

Rectangle

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



44.5925, 0.4841, 0.3997



44.5925, 0.3914, 0.4880



44.5925, 0.1643, 0.2250



44.5925, 0.2214, 0.1984

Sweetspot

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



44.5929, 0.4841, 0.3997



78.8876, 0.3505, 0.3521



30.0518, 0.4048, 0.2325



16.3540, 0.3564, 0.3553



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.



44.5929, 0.4841, 0.3997



38.2257, 0.5251, 0.4009



84.2761, 0.4156, 0.4743



19.2525, 0.3284, 0.3391



17.0017, 0.5633, 0.3910



1.8663, 0.5431, 0.4070

Inverse Universe

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



41.4716, 0.2088, 0.2309



34.7598, 0.1951, 0.2082



16.6202, 0.1815, 0.1203



19.1160, 0.2979, 0.3187



14.9668, 0.1843, 0.1836



1.6738, 0.1894, 0.2017

Previews

White Background



This preview shows how the Yxy color 44.5925, 0.4841, 0.3997 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 44.5925, 0.4841, 0.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

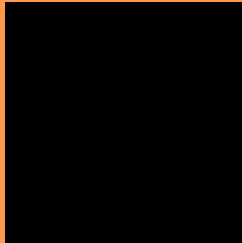
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5925, 0.4841, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 44.5925, 0.4841, 0.3997.



This preview shows how white text looks on a background with the Yxy color 44.5925, 0.4841, 0.3997.

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

44.5925, 0.4841, 0.3997

Protanopia

44.9179, 0.4056, 0.4433

Deuteranopia

44.7735, 0.4431, 0.4338



Tritanopia

44.5618, 0.4132, 0.3188

Trichromacy



Original Color

44.5925, 0.4841, 0.3997

Protanomaly

44.4341, 0.4343, 0.4274

Deuteranomaly

44.5513, 0.4585, 0.4214

Tritanomaly

44.3134, 0.4427, 0.3511

Monochromacy



Original Color

44.5925, 0.4841, 0.3997

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3683, 0.3729, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5925, 0.4841, 0.3997 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(255, 153, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 78)  
}
```

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(255, 153, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 78) }
```

Border

The CSS property to change the border of an element to Yxy 44.5925, 0.4841, 0.3997 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(255, 153, 78) }
```

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

```
.border{ border-color:rgb(255, 153, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5925, 0.4841, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 78) }
```

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

```
.background{ background-color: rgb(255,  
153, 78) }
```

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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