

Converting Colors

$Y_{xy}(44.0022, 0.4829, 0.3947)$

Have a look what the booklet for
Yxy(44.0022, 0.4829, 0.3947)
contains.

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Color

Yxy(44.0024, 0.4829, 0.3947)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FF9752 |
| RGB | 255, 151, 82 |
| RGB Percent | 100%, 59%, 32% |
| CMY | 0.0000, 0.4079, 0.6783 |
| CMYK | 0.00, 0.41, 0.68, 0.00 |
| HSL | 24°, 100%, 66% |
| HSV | 24°, 68%, 100% |
| XYZ | 53.8352, 44.0024, 13.6455 |
| YIQ | 174.2300, 84.1330, 0.5890 |

Conversions

Conversions Part 2

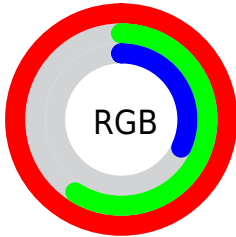
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 197, 82 |
| Decimal | 16750418 |
| CIE _{Lab} | 72.23, 33.39, 52.03 |
| CIE _{LCh} | 72, 61.828, 57.311 |
| Yxy | 44.0024, 0.4829, 0.3947 |
| Android (android.graphics.Color) | 4294940498 (0xFFFF9752) |
| YUV | 174.2300, -45.4694, 70.8353 |
| Hunter-Lab | 66.3343, 28.7810, 34.2375 |

Details

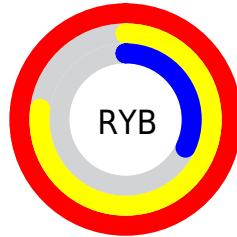
The Yxy color **44.0024, 0.4829, 0.3947** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **44.1507, 0.2121, 0.2395**, and the grayscale version is **42.6580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1238, 0.4056, 0.4027**, and **20.3601, 0.5248, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **39.0642, 0.5151, 0.3967**, and if you desaturate by 10%, it is **49.7252, 0.4503, 0.3886**.

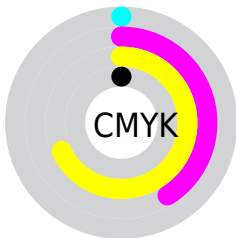
Distribution



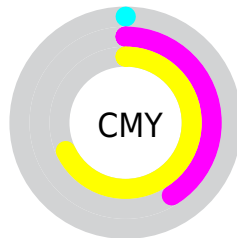
- Red (100%)
- Green (59%)
- Blue (32%)



- Red (100%)
- Yellow (77%)
- Blue (32%)



- Cyan (0%)
- Magenta (41%)
- Yellow (68%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0024, 0.4829, 0.3947 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 44.0024, 0.4829, 0.3947 by changing the saturation by 10% instead.

 44.0024, 0.4829,
0.3947


 44.0024, 0.4829,
0.3947


362.7181, 0.3994,
0.3698


 30.6724, 0.5019,
0.3978


 81.2214, 0.4537,
0.3879


 20.3495, 0.5247,
0.3998

 105.8791, 0.4423,
0.3847

 12.6494, 0.5521,
0.3993


 135.0815, 0.4326,
0.3817

 7.1875, 0.5896,
0.3968

 169.2131, 0.4241,
0.3789

 3.5797, 0.6231,
0.3769

 208.6581, 0.4167,
0.3763

 1.4413, 0.6630,
0.3370

253.8010, 0.4102,

 0.2469, 0.8122,

0.3740

0.1878

305.0262, 0.4045,
0.3718

0.0000, 0.0000,
0.0000

44.0024, 0.4829,
0.3947

44.0024, 0.4829,
0.3947

39.0642, 0.5151,
0.3967

49.7252, 0.4503,
0.3886

34.8714, 0.5445,
0.3936

56.2724, 0.4193,
0.3797

31.3744, 0.5686,
0.3851

63.6779, 0.3910,
0.3693

30.6973, 0.5733,
0.3830

71.9741, 0.3660,
0.3583

81.1916, 0.3442,
0.3473

91.3592, 0.3255,
0.3368

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.



44.0024, 0.4732, 0.3321



44.0024, 0.4829, 0.3947



44.0024, 0.4419, 0.4544

Triad

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



44.0024, 0.4829, 0.3947



44.0024, 0.2160, 0.3867



44.0024, 0.2395, 0.2030

Complementary

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



44.0024, 0.4829, 0.3947



44.1507, 0.2121, 0.2395

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.



44.0024, 0.1875, 0.2018



44.0024, 0.4829, 0.3947



44.0024, 0.1744, 0.2929

Square

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



44.0024, 0.4829, 0.3947



44.0024, 0.2871, 0.4697



44.0024, 0.1657, 0.2297



44.0024, 0.3195, 0.2288

Rectangle

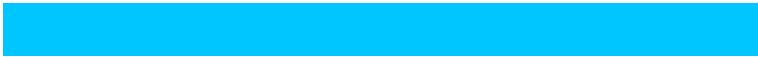
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0024, 0.4829, 0.3947



44.0024, 0.3960, 0.4834



44.0024, 0.1657, 0.2297



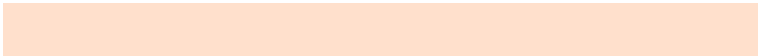
44.0024, 0.2187, 0.1997

Sweetspot

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



44.0017, 0.4829, 0.3947



79.1102, 0.3487, 0.3497



30.9612, 0.3942, 0.2285



16.3703, 0.3547, 0.3528



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.



44.0017, 0.4829, 0.3947



37.6560, 0.5249, 0.3963



81.1840, 0.4175, 0.4681



19.1755, 0.3284, 0.3385



16.3122, 0.5704, 0.3853



1.7948, 0.5496, 0.4018

Inverse Universe

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



44.1507, 0.2121, 0.2395



37.6126, 0.1988, 0.2189



18.5608, 0.1857, 0.1310



19.1949, 0.2979, 0.3193



16.0341, 0.1868, 0.1925



1.7750, 0.1916, 0.2096

Previews

White Background



This preview shows how the Yxy color 44.0024, 0.4829, 0.3947 looks on a white background.

Color Contrast Check

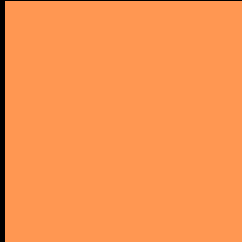
Large Text (above 18pt) WCAG AA × Fail

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 44.0024, 0.4829, 0.3947 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 44.0024, 0.4829, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 44.0024, 0.4829, 0.3947.



This preview shows how white text looks on a background with the Yxy color 44.0024, 0.4829, 0.3947.

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

44.0024, 0.4829, 0.3947

Protanopia

44.3319, 0.4008, 0.4380

Deuteranopia

44.1416, 0.4395, 0.4303



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

44.0024, 0.4829, 0.3947

Protanomaly

43.4616, 0.4304, 0.4215

Deuteranomaly

43.7288, 0.4566, 0.4166

Tritanomaly

43.6859, 0.4439, 0.3490

Monochromacy



Original Color

44.0024, 0.4829, 0.3947

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8920, 0.3714, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0024, 0.4829, 0.3947 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, 151, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 82)  
}
```

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, 151, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 82) }
```

Border

The CSS property to change the border of an element to Yxy 44.0024, 0.4829, 0.3947 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, 151, 82) }
```

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

```
.border{ border-color:rgb(255, 151, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0024, 0.4829, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 82) }
```

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

```
.background{ background-color: rgb(255,  
151, 82) }
```

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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