

Converting Colors

Yxy(42.9606, 0.4688, 0.3798)

Have a look what the booklet for
Yxy(42.9606, 0.4688, 0.3798)
contains.

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Color

Yxy(43.0722, 0.4689, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	FC9562
RGB	252, 149, 98
RGB Percent	99%, 58%, 38%
CMY	0.0118, 0.4156, 0.6158
CMYK	0.00, 0.41, 0.61, 0.01
HSL	20°, 96%, 69%
HSV	20°, 61%, 99%
XYZ	53.0929, 43.0722, 17.0636
YIQ	173.9830, 77.7590, 5.9750

Conversions

Conversions Part 2

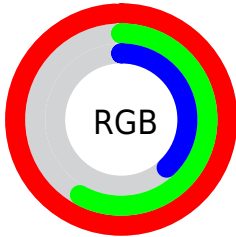
Format	Color
R_{YB}	252, 174, 98
Decimal	16553314
CIE _{Lab}	71.60, 34.18, 43.21
CIE _{LCh}	72, 55.097, 51.656
Yxy	43.0722, 0.4689, 0.3804
Android (android.graphics.Color)	4294743394 (0xFFFC9562)
YUV	173.9830, -37.4596, 68.4209
Hunter-Lab	65.6294, 29.5516, 30.5253

Details

The Yxy color **43.0722, 0.4689, 0.3804** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.3707, 0.2235, 0.2640**, and the grayscale version is **42.4851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6477, 0.3948, 0.3850**, and **19.8475, 0.5108, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **37.7194, 0.5049, 0.3839**, and if you desaturate by 10%, it is **49.3504, 0.4344, 0.3739**.

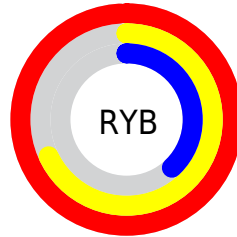
Distribution



Red (99%)

Green (58%)

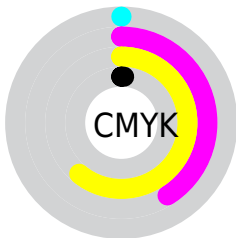
Blue (38%)



Red (99%)

Yellow (68%)

Blue (38%)

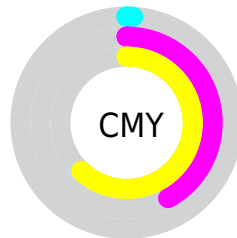


Cyan (0%)

Magenta (41%)

Yellow (61%)

Black (1%)



Cyan (1%)


Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0722, 0.4689, 0.3804 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 43.0722, 0.4689, 0.3804 by changing the saturation by 10% instead.


 43.0722, 0.4689,
0.3804


 43.0722, 0.4689,
0.3804


358.9086, 0.3907,
0.3606


 29.9418, 0.4875,
0.3831


 79.8198, 0.4410,
0.3748

 19.7944, 0.5105,
0.3851


 104.2058, 0.4303,
0.3722

 12.2457, 0.5391,
0.3852

 133.1124, 0.4212,
0.3698

 6.9112, 0.5753,
0.3812

 166.9240, 0.4134,
0.3676

 3.4066, 0.6279,
0.3721

206.0250, 0.4066,
0.3656

 1.3475, 0.6697,
0.3303

250.7999, 0.4006,

 0.1776, 0.8509,

0.3638

0.1491

301.6329, 0.3954,
0.3621

■ 0.0000, 0.0000,
0.0000

■ 43.0722, 0.4689,
0.3804

■ 43.0722, 0.4689,
0.3804

■ 37.7194, 0.5049,
0.3839

■ 49.3504, 0.4344,
0.3739

■ 33.2378, 0.5397,
0.3831

■ 56.5910, 0.4031,
0.3656

■ 29.5768, 0.5701,
0.3772

■ 64.8368, 0.3755,
0.3565

■ 26.9585, 0.5915,
0.3685

■ 74.1261, 0.3518,
0.3473

■ 84.4949, 0.3316,
0.3383

95.9774, 0.3145,
0.3299

99.4333, 0.3109,
0.3290

Harmonies

Analogous

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



43.0722, 0.4494, 0.3228



43.0722, 0.4689, 0.3804



43.0722, 0.4408, 0.4355

Triad

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



43.0722, 0.4689, 0.3804



43.0722, 0.2362, 0.3968



43.0722, 0.2354, 0.2116

Complementary

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



43.0722, 0.4689, 0.3804



51.3707, 0.2235, 0.2640

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.



43.0722, 0.1923, 0.2157



43.0722, 0.4689, 0.3804



43.0722, 0.1916, 0.3121

Square

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



43.0722, 0.4689, 0.3804



43.0722, 0.3050, 0.4620



43.0722, 0.1774, 0.2481



43.0722, 0.3043, 0.2313

Rectangle

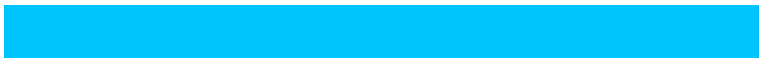
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



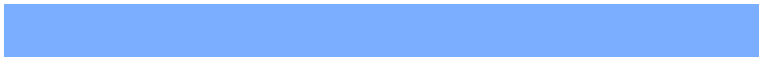
43.0722, 0.4689, 0.3804



43.0722, 0.4026, 0.4634



43.0722, 0.1774, 0.2481



43.0722, 0.2179, 0.2101

Sweetspot

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



43.0744, 0.4689, 0.3804



79.3475, 0.3451, 0.3444



33.7457, 0.3705, 0.2260



16.3432, 0.3513, 0.3471



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.



43.0744, 0.4689, 0.3804



37.7978, 0.5118, 0.3841



74.7529, 0.4152, 0.4502



18.1649, 0.3286, 0.3369



14.2845, 0.5885, 0.3709



1.5088, 0.5655, 0.3892

Inverse Universe

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



51.3707, 0.2235, 0.2640



46.7558, 0.2109, 0.2488



24.5979, 0.2007, 0.1641



18.5824, 0.2980, 0.3210



18.6244, 0.1935, 0.2167



1.9193, 0.1977, 0.2317

Previews

White Background



This preview shows how the Yxy color 43.0722, 0.4689, 0.3804 looks on a white background.

Color Contrast Check

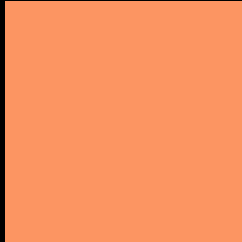
Large Text (above 18pt) WCAG AA × Fail

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 43.0722, 0.4689, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

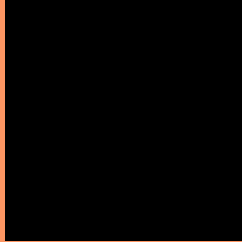
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0722, 0.4689, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 43.0722, 0.4689, 0.3804.



This preview shows how white text looks on a background with the Yxy color 43.0722, 0.4689, 0.3804.

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

43.0722, 0.4689, 0.3804

Protanopia

43.3398, 0.3852, 0.4177

Deuteranopia

43.2605, 0.4238, 0.4163



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.0722, 0.4689, 0.3804

Protanomaly

42.5681, 0.4160, 0.4037

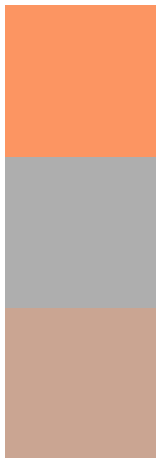
Deuteranomaly

42.8099, 0.4406, 0.4030

Tritanomaly

43.0151, 0.4389, 0.3419

Monochromacy



Original Color

43.0722, 0.4689, 0.3804

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5421, 0.3660, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0722, 0.4689, 0.3804 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(252, 149, 98)` looks like.

```
.text, #text, p{  
    color:rgb(252, 149, 98)  
}
```

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(252, 149, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 149, 98) }
```

Border

The CSS property to change the border of an element to Yxy 43.0722, 0.4689, 0.3804 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(252, 149, 98) }
```

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

```
.border{ border-color:rgb(252, 149, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 149, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 149, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 149, 98);  
box-shadow:4px 4px 4px 4px rgb(252, 149,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0722, 0.4689, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 149, 98) }
```

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

```
.background{ background-color: rgb(252,  
149, 98) }
```

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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