

Converting Colors

$Y_{xy}(40.3912, 0.4633, 0.3601)$

Have a look what the booklet for
Yxy(40.3912, 0.4633, 0.3601)
contains.

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Color

Yxy(40.3912, 0.4633, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	FB8C6E
RGB	251, 140, 110
RGB Percent	98%, 55%, 43%
CMY	0.0158, 0.4509, 0.5686
CMYK	0.00, 0.44, 0.56, 0.02
HSL	13°, 95%, 71%
HSV	13°, 56%, 98%
XYZ	51.9668, 40.3912, 19.8086
YIQ	169.7690, 75.7860, 14.2020

Conversions

Conversions Part 2

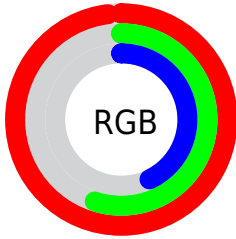
Format	Color
R _Y B	251, 148, 110
Decimal	16485486
CIE Lab	69.75, 39.25, 34.51
CIE LCh	70, 52.268, 41.326
Yxy	40.3912, 0.4633, 0.3601
Android (android.graphics.Color)	4294675566 (0xFFFB8C6E)
YUV	169.7690, -29.4661, 71.2396
Hunter-Lab	63.5541, 34.7360, 26.0083

Details

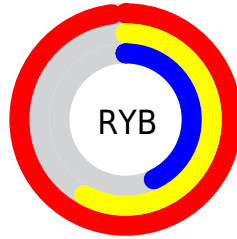
The Yxy color **40.3912, 0.4633, 0.3601** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **61.9559, 0.2341, 0.2920**, and the grayscale version is **40.2014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8988, 0.3890, 0.3637**, and **18.2744, 0.5058, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **34.6573, 0.5041, 0.3628**, and if you desaturate by 10%, it is **47.3200, 0.4259, 0.3555**.

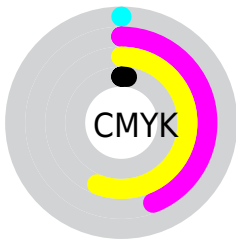
Distribution



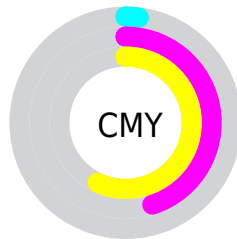
- Red (98%)
- Green (55%)
- Blue (43%)



- Red (98%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (56%)
- Black (2%)





- Cyan (2%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3912, 0.4633, 0.3601 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 40.3912, 0.4633, 0.3601 by changing the saturation by 10% instead.


 40.3912, 0.4633,
0.3601


 40.3912, 0.4633,
0.3601


347.7697, 0.3862,
0.3492

 27.8437, 0.4824,
0.3610


 75.7589, 0.4352,
0.3574

 18.2079, 0.5066,
0.3611


 99.3478, 0.4247,
0.3560

 11.0993, 0.5377,
0.3593

 127.3860, 0.4158,
0.3547

 6.1337, 0.5785,
0.3531

 160.2578, 0.4081,
0.3534

 2.9265, 0.6525,
0.3475

198.3477, 0.4016,
0.3522

 1.0935, 0.7022,
0.2978

242.0401, 0.3958,

 0.0000, 1.0000,

0.3512

0.0000

291.7193, 0.3907,
0.3501

■ 0.0000, 0.0000,
0.0000

■ 40.3912, 0.4633,
0.3601

■ 40.3912, 0.4633,
0.3601

■ 34.6573, 0.5041,
0.3628

■ 47.3200, 0.4259,
0.3555

■ 30.0431, 0.5451,
0.3624

■ 55.5005, 0.3931,
0.3499

■ 26.4744, 0.5820,
0.3583

■ 64.9934, 0.3653,
0.3439

■ 23.8644, 0.6097,
0.3507

■ 75.8537, 0.3421,
0.3379

■ 23.0914, 0.6180,
0.3475

■ 88.1330, 0.3229,
0.3323

99.2426, 0.3102,
0.3290

Harmonies

Analogous

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



40.3912, 0.4277, 0.3048



40.3912, 0.4633, 0.3601



40.3912, 0.4512, 0.4157

Triad

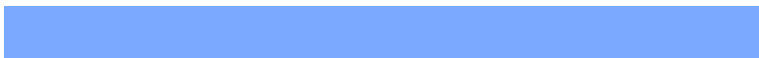
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.3912, 0.4633, 0.3601



40.3912, 0.2598, 0.4208



40.3912, 0.2200, 0.2132

Complementary

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



40.3912, 0.4633, 0.3601



61.9559, 0.2341, 0.2920

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.



40.3912, 0.1872, 0.2264



40.3912, 0.4633, 0.3601



40.3912, 0.2067, 0.3402

Square

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



40.3912, 0.4633, 0.3601



40.3912, 0.3310, 0.4673



40.3912, 0.1823, 0.2687



40.3912, 0.2792, 0.2248

Rectangle

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



40.3912, 0.4633, 0.3601



40.3912, 0.4210, 0.4473



40.3912, 0.1823, 0.2687



40.3912, 0.2060, 0.2146

Sweetspot

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



40.3933, 0.4633, 0.3601



77.6480, 0.3439, 0.3384



36.9698, 0.3463, 0.2184



16.1156, 0.3483, 0.3396



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.



40.3933, 0.4633, 0.3601



35.4673, 0.5077, 0.3629



67.0700, 0.4169, 0.4282



17.8244, 0.3289, 0.3341



12.3116, 0.6154, 0.3495



1.2873, 0.5934, 0.3670

Inverse Universe

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



61.9559, 0.2341, 0.2920



59.5679, 0.2234, 0.2835



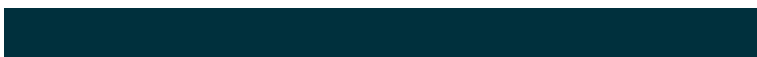
32.8281, 0.2145, 0.2006



18.9440, 0.2980, 0.3238



24.9983, 0.2052, 0.2589



2.4663, 0.2078, 0.2682

Previews

White Background



This preview shows how the Yxy color 40.3912, 0.4633, 0.3601 looks on a white background.

Color Contrast Check

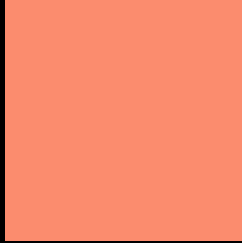
Large Text (above 18pt) WCAG AA × Fail

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 40.3912, 0.4633, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

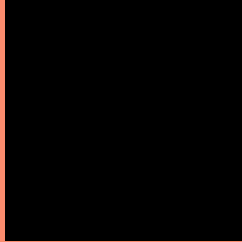
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3912, 0.4633, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 40.3912, 0.4633, 0.3601.



This preview shows how white text looks on a background with the Yxy color 40.3912, 0.4633, 0.3601.

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

40.3912, 0.4633, 0.3601

Protanopia

40.7462, 0.3671, 0.3946

Deuteranopia

40.5004, 0.4094, 0.4002



Tritanopia

40.2549, 0.4300, 0.3189

Trichromacy



Original Color

40.3912, 0.4633, 0.3601

Protanomaly

39.8595, 0.4011, 0.3820

Deuteranomaly

40.1922, 0.4296, 0.3853

Tritanomaly

40.2527, 0.4427, 0.3346

Monochromacy



Original Color

40.3912, 0.4633, 0.3601

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0765, 0.3630, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3912, 0.4633, 0.3601 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(251, 140, 110)` looks like.

```
.text, #text, p{  
    color:rgb(251, 140, 110)  
}
```

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(251, 140, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 140, 110) }
```

Border

The CSS property to change the border of an element to Yxy 40.3912, 0.4633, 0.3601 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(251, 140, 110) }
```

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

```
.border{ border-color:rgb(251, 140, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 140, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 140, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 140, 110);  
box-shadow:4px 4px 4px 4px rgb(251, 140,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3912, 0.4633, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 140, 110) }
```

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

```
.background{ background-color: rgb(251,  
140, 110) }
```

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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