

Converting Colors

$Y_{xy}(33.5541, 0.5157, 0.3576)$

Have a look what the booklet for
Yxy(33.5541, 0.5157, 0.3576)
contains.

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Color

Yxy(33.4903, 0.5155, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	FE7152
RGB	254, 113, 82
RGB Percent	100%, 44%, 32%
CMY	0.0039, 0.5569, 0.6782
CMYK	0.00, 0.56, 0.68, 0.00
HSL	11°, 99%, 66%
HSV	11°, 68%, 100%
XYZ	48.3051, 33.4903, 11.9100
YIQ	151.6250, 93.9870, 20.2510

Conversions

Conversions Part 2

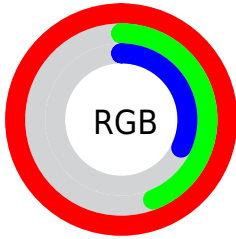
Format	Color
R_{YB}	254, 120, 82
Decimal	16675154
CIE _{Lab}	64.56, 51.79, 43.24
CIE _{LCh}	65, 67.468, 39.859
Yxy	33.4903, 0.5155, 0.3574
Android (android.graphics.Color)	4294865234 (0xFFFE7152)
YUV	151.6250, -34.3251, 89.7829
Hunter-Lab	57.8708, 47.7211, 28.3075

Details

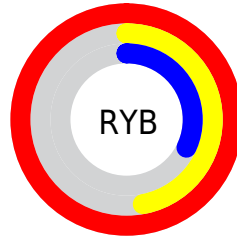
The Yxy color **33.4903, 0.5155, 0.3574** is a light color, and the websafe version is hex **FF6633**. The color can be described as light muted orange. A complement of this color would be **61.7582, 0.2246, 0.2903**, and the grayscale version is **31.3519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9312, 0.4278, 0.3668**, and **14.2238, 0.5735, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **29.0479, 0.5574, 0.3563**, and if you desaturate by 10%, it is **39.1458, 0.4730, 0.3557**.

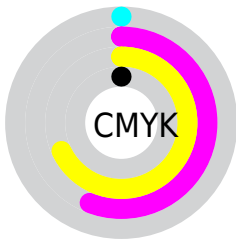
Distribution



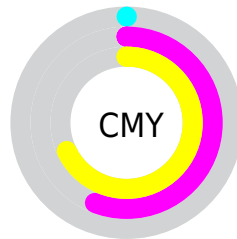
- Red (100%)
- Green (44%)
- Blue (32%)



- Red (100%)
- Yellow (47%)
- Blue (32%)



- Cyan (0%)
- Magenta (56%)
- Yellow (68%)
- Black (0%)




- Cyan (0%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4903, 0.5155, 0.3574 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 33.4903, 0.5155, 0.3574 by changing the saturation by 10% instead.

 33.4903, 0.5155,
0.3574


 33.4903, 0.5155,
0.3574


317.8533, 0.4103,
0.3519


 22.5023, 0.5412,
0.3552


 65.1403, 0.4773,
0.3579

 14.2265, 0.5730,
0.3503


 86.5710, 0.4628,
0.3573

 8.2783, 0.6126,
0.3400


 112.2515, 0.4506,
0.3565

 4.2736, 0.6743,
0.3257

 142.5661, 0.4402,
0.3556

 1.8277, 0.7199,
0.2801

 177.8991, 0.4312,
0.3547

 0.5044, 0.8066,
0.1934

218.6351, 0.4233,

 0.0000, 1.0000,

0.3537

0.0000

265.1584, 0.4164,
0.3528

■ 0.0000, 0.0000,
0.0000

■ 33.4903, 0.5155,
0.3574

■ 33.4903, 0.5155,
0.3574

■ 29.0479, 0.5574,
0.3563

■ 39.1458, 0.4730,
0.3557

■ 25.7225, 0.5936,
0.3518

■ 46.0900, 0.4337,
0.3521


■ 23.4104, 0.6191,
0.3445

■ 54.3987, 0.3992,
0.3475

■ 23.0046, 0.6237,
0.3429

■ 64.1400, 0.3700,
0.3424

■ 75.3777, 0.3457,
0.3373

 88.1716, 0.3257,
0.3325

99.8125, 0.3121,
0.3290

Harmonies

Analogous

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



33.4903, 0.4664, 0.2901



33.4903, 0.5155, 0.3574



33.4903, 0.4955, 0.4293

Triad

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



33.4903, 0.5155, 0.3574



33.4903, 0.2418, 0.4655



33.4903, 0.1883, 0.1796

Complementary

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



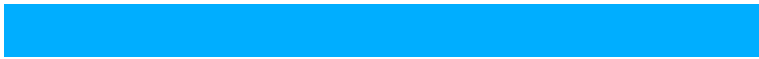
33.4903, 0.5155, 0.3574



61.7582, 0.2246, 0.2903

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.



33.4903, 0.1504, 0.1948



33.4903, 0.5155, 0.3574



33.4903, 0.1741, 0.3465

Square

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



33.4903, 0.5155, 0.3574



33.4903, 0.3346, 0.5246



33.4903, 0.1449, 0.2475



33.4903, 0.2615, 0.1935

Rectangle

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



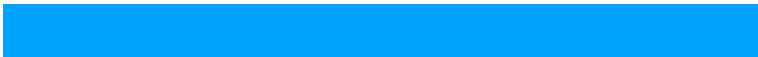
33.4903, 0.5155, 0.3574



33.4903, 0.4533, 0.4762



33.4903, 0.1449, 0.2475



33.4903, 0.1719, 0.1811

Sweetspot

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



33.4922, 0.5155, 0.3574



73.2985, 0.3509, 0.3385



32.5693, 0.3490, 0.1976



14.9948, 0.3575, 0.3399



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.



33.4922, 0.5155, 0.3574



28.0733, 0.5703, 0.3552



61.4733, 0.4439, 0.4380



18.5156, 0.3290, 0.3333



12.2772, 0.6215, 0.3447



1.3320, 0.6017, 0.3605

Inverse Universe

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



61.7582, 0.2246, 0.2903



57.9105, 0.2155, 0.2816



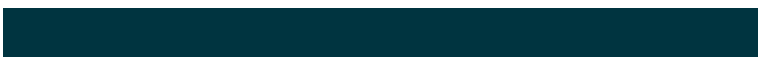
27.5240, 0.1970, 0.1768



19.8925, 0.2980, 0.3246



27.8280, 0.2084, 0.2703



2.8480, 0.2105, 0.2777

Previews

White Background



This preview shows how the Yxy color 33.4903, 0.5155, 0.3574 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 33.4903, 0.5155, 0.3574 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 33.4903, 0.5155, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 33.4903, 0.5155, 0.3574.



This preview shows how white text looks on a background with the Yxy color 33.4903, 0.5155, 0.3574.

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

33.4903, 0.5155, 0.3574

Protanopia

33.6537, 0.3828, 0.4148

Deuteranopia

33.4722, 0.4335, 0.4234



Tritanopia

33.4582, 0.4809, 0.3227

Trichromacy



Original Color

33.4903, 0.5155, 0.3574

Protanomaly

32.2400, 0.4321, 0.3919

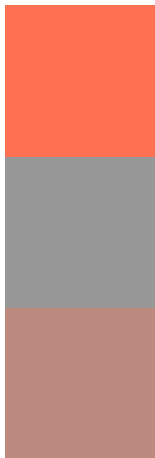
Deuteranomaly

32.7573, 0.4652, 0.3958

Tritanomaly

33.4113, 0.4948, 0.3352

Monochromacy



Original Color

33.4903, 0.5155, 0.3574

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5281, 0.3826, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4903, 0.5155, 0.3574 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, 113, 82)` looks like.

```
.text, #text, p{  
    color:rgb(254, 113, 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(254, 113, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 113, 82) }
```

Border

The CSS property to change the border of an element to Yxy 33.4903, 0.5155, 0.3574 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, 113, 82) }
```

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

```
.border{ border-color:rgb(254, 113, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 113, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 113, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 113, 82);  
box-shadow:4px 4px 4px 4px rgb(254, 113,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4903, 0.5155, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 113, 82) }
```

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

```
.background{ background-color: rgb(254,  
113, 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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