

Converting Colors

$Y_{xy}(37.1810, 0.4850, 0.3527)$

Have a look what the booklet for
Yxy(37.1810, 0.4850, 0.3527)
contains.

Yxy(37.1410, 0.4853, 0.3528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.1410, 0.4853, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	FF7E66
RGB	255, 126, 102
RGB Percent	100%, 49%, 40%
CMY	0.0001, 0.5058, 0.6000
CMYK	0.00, 0.51, 0.60, 0.00
HSL	9°, 100%, 70%
HSV	9°, 60%, 100%
XYZ	51.0899, 37.1410, 17.0440
YIQ	161.8350, 84.5880, 19.8840

Conversions

Conversions Part 2

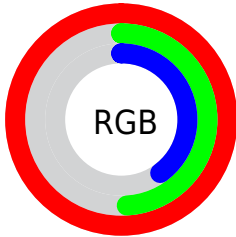
Format	Color
R _Y B	255, 130, 102
Decimal	16744038
CIE Lab	67.38, 47.13, 35.98
CIE LCh	67, 59.293, 37.355
Yxy	37.1410, 0.4853, 0.3528
Android (android.graphics.Color)	4294934118 (0xFFFF7E66)
YUV	161.8350, -29.4987, 81.7057
Hunter-Lab	60.9434, 42.9887, 26.0788

Details

The Yxy color **37.1410, 0.4853, 0.3528** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **67.1525, 0.2325, 0.2998**, and the grayscale version is **36.1644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6077, 0.4024, 0.3586**, and **16.3689, 0.5358, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **31.7928, 0.5289, 0.3536**, and if you desaturate by 10%, it is **43.8291, 0.4441, 0.3500**.

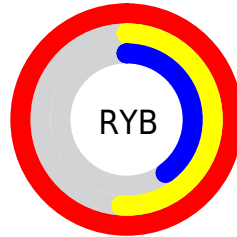
Distribution



Red (100%)

Green (49%)

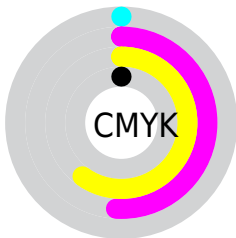
Blue (40%)



Red (100%)

Yellow (51%)

Blue (40%)

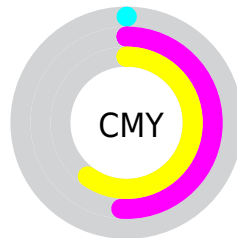


Cyan (0%)

Magenta (51%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1410, 0.4853, 0.3528 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 37.1410, 0.4853, 0.3528 by changing the saturation by 10% instead.


 37.1410, 0.4853,
0.3528

 37.1410, 0.4853,
0.3528


333.9206, 0.3961,
0.3469


 25.3167, 0.5075,
0.3520


 70.7896, 0.4527,
0.3523


 16.3132, 0.5356,
0.3496


 93.3827, 0.4405,
0.3516

 9.7460, 0.5716,
0.3438


 120.3341, 0.4301,
0.3508

 5.2309, 0.6186,
0.3316

 152.0283, 0.4213,
0.3500

 2.3834, 0.6898,
0.3102

188.8496, 0.4137,
0.3491

 0.8173, 0.7507,
0.2493

231.1825, 0.4071,

 0.0000, 1.0000,

0.3483

0.0000

279.4114, 0.4012,
0.3476

■ 0.0000, 0.0000,
0.0000

■ 37.1410, 0.4853,
0.3528

■ 37.1410, 0.4853,
0.3528

■ 31.7928, 0.5289,
0.3536

■ 43.8291, 0.4441,
0.3500

■ 27.6874, 0.5707,
0.3517

■ 51.9336, 0.4077,
0.3462

■ 24.7241, 0.6048,
0.3469

■ 61.5322, 0.3768,
0.3418

■ 22.7764, 0.6272,
0.3402

■ 72.6951, 0.3511,
0.3373

■ 22.7761, 0.6272,
0.3402

■ 85.4882, 0.3300,
0.3330

99.9735, 0.3127,
0.3290

99.9938, 0.3127,
0.3290

Harmonies

Analogous

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



37.1410, 0.4375, 0.2922



37.1410, 0.4853, 0.3528



37.1410, 0.4760, 0.4163

Triad

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



37.1410, 0.4853, 0.3528



37.1410, 0.2600, 0.4490



37.1410, 0.2001, 0.1977

Complementary

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



37.1410, 0.4853, 0.3528



67.1525, 0.2325, 0.2998

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.



37.1410, 0.1680, 0.2152



37.1410, 0.4853, 0.3528



37.1410, 0.1967, 0.3538

Square

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



37.1410, 0.4853, 0.3528



37.1410, 0.3423, 0.4942



37.1410, 0.1662, 0.2666



37.1410, 0.2628, 0.2077

Rectangle

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



37.1410, 0.4853, 0.3528



37.1410, 0.4432, 0.4558



37.1410, 0.1662, 0.2666



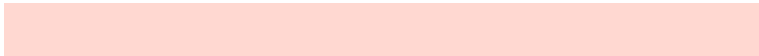
37.1410, 0.1860, 0.2002

Sweetspot

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



37.1430, 0.4853, 0.3528



75.1409, 0.3465, 0.3364



36.5822, 0.3414, 0.2063



15.3321, 0.3532, 0.3377



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.



37.1430, 0.4853, 0.3528



30.8833, 0.5376, 0.3535



64.1849, 0.4297, 0.4269



18.4478, 0.3291, 0.3328



12.0402, 0.6251, 0.3419



1.2991, 0.6062, 0.3569

Inverse Universe

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



67.1525, 0.2325, 0.2998



63.0469, 0.2226, 0.2930



33.6626, 0.2101, 0.2001



19.9665, 0.2980, 0.3252



29.3301, 0.2106, 0.2781



2.9807, 0.2124, 0.2845

Previews

White Background



This preview shows how the Yxy color 37.1410, 0.4853, 0.3528 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 37.1410, 0.4853, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

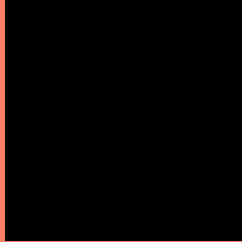
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1410, 0.4853, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 37.1410, 0.4853, 0.3528.



This preview shows how white text looks on a background with the Yxy color 37.1410, 0.4853, 0.3528.

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

37.1410, 0.4853, 0.3528

Protanopia

37.1824, 0.3683, 0.3956

Deuteranopia

37.2378, 0.4153, 0.4071



Tritanopia

37.0646, 0.4544, 0.3213

Trichromacy



Original Color

37.1410, 0.4853, 0.3528

Protanomaly

35.9617, 0.4098, 0.3778

Deuteranomaly

36.6553, 0.4418, 0.3856

Tritanomaly

37.0314, 0.4668, 0.3335

Monochromacy



Original Color

37.1410, 0.4853, 0.3528

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1241, 0.3715, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1410, 0.4853, 0.3528 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, 126, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 102)  
}
```

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, 126, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 102) }
```

Border

The CSS property to change the border of an element to Yxy 37.1410, 0.4853, 0.3528 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, 126, 102) }
```

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

```
.border{ border-color:rgb(255, 126, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1410, 0.4853, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 102) }
```

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

```
.background{ background-color: rgb(255,  
126, 102) }
```

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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