

Converting Colors

$Y_{xy}(52.7159, 0.5392, 0.3496)$

Have a look what the booklet for
Yxy(52.7159, 0.5392, 0.3496)
contains.

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Color

Yxy(37.0079, 0.4926, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	FF7E5F
RGB	255, 126, 95
RGB Percent	100%, 49%, 37%
CMY	0.0000, 0.5059, 0.6276
CMYK	0.00, 0.51, 0.63, 0.00
HSL	12°, 100%, 69%
HSV	12°, 63%, 100%
XYZ	50.7661, 37.0079, 15.2834
YIQ	161.0370, 86.8350, 17.7070

Conversions

Conversions Part 2

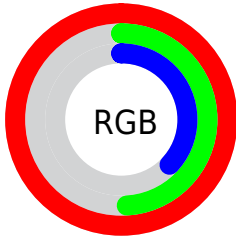
Format	Color
R _Y B	255, 133, 95
Decimal	16744031
CIE Lab	67.28, 46.70, 39.65
CIE LCh	67, 61.263, 40.333
Yxy	37.0079, 0.4926, 0.3591
Android (android.graphics.Color)	4294934111 (0xFFFF7E5F)
YUV	161.0370, -32.5562, 82.4056
Hunter-Lab	60.8341, 42.4985, 27.6884

Details

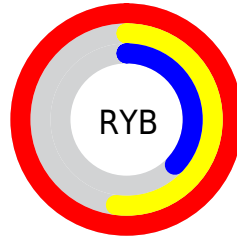
The Yxy color **37.0079, 0.4926, 0.3591** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **62.9344, 0.2282, 0.2907**, and the grayscale version is **35.7818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3831, 0.4085, 0.3659**, and **16.3078, 0.5443, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **31.8915, 0.5348, 0.3596**, and if you desaturate by 10%, it is **43.3581, 0.4519, 0.3561**.

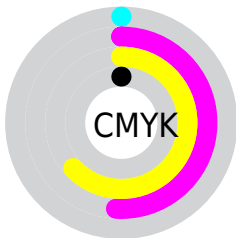
Distribution



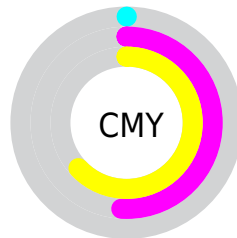
- Red (100%)
- Green (49%)
- Blue (37%)



- Red (100%)
- Yellow (52%)
- Blue (37%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0079, 0.4926, 0.3591 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 37.0079, 0.4926, 0.3591 by changing the saturation by 10% instead.

 37.0079, 0.4926,
0.3591


 37.0079, 0.4926,
0.3591


333.3447, 0.4000,
0.3508

 25.2136, 0.5154,
0.3585


 70.5849, 0.4589,
0.3580

 16.2363, 0.5438,
0.3561


 93.1365, 0.4463,
0.3570

 9.6915, 0.5799,
0.3501


 120.0425, 0.4355,
0.3559

 5.1949, 0.6282,
0.3382

 151.6875, 0.4263,
0.3548

 2.3621, 0.6888,
0.3112

188.4559, 0.4184,
0.3537

 0.8063, 0.7500,
0.2500

230.7319, 0.4115,

 0.0000, 1.0000,

0.3527

0.0000

278.9001, 0.4054,
0.3517

0.0000, 0.0000,
0.0000

37.0079, 0.4926,
0.3591

37.0079, 0.4926,
0.3591

31.8915, 0.5348,
0.3596

43.3581, 0.4519,
0.3561

27.9232, 0.5742,
0.3568

51.0128, 0.4153,
0.3515

25.0116, 0.6055,
0.3505

60.0414, 0.3837,
0.3462

23.4965, 0.6215,
0.3447

70.5074, 0.3572,
0.3407

82.4702, 0.3352,
0.3354

95.9859, 0.3171,
0.3303

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.



37.0079, 0.4491, 0.2966



37.0079, 0.4926, 0.3591



37.0079, 0.4768, 0.4243

Triad

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



37.0079, 0.4926, 0.3591



37.0079, 0.2502, 0.4453



37.0079, 0.2018, 0.1939

Complementary

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



37.0079, 0.4926, 0.3591



62.9344, 0.2282, 0.2907

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.



37.0079, 0.1660, 0.2086



37.0079, 0.4926, 0.3591



37.0079, 0.1884, 0.3441

Square

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



37.0079, 0.4926, 0.3591



37.0079, 0.3339, 0.4991



37.0079, 0.1609, 0.2572



37.0079, 0.2691, 0.2068

Rectangle

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



37.0079, 0.4926, 0.3591



37.0079, 0.4402, 0.4645



37.0079, 0.1609, 0.2572



37.0079, 0.1864, 0.1955

Sweetspot

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



37.0091, 0.4926, 0.3591



74.8292, 0.3485, 0.3387



34.9089, 0.3486, 0.2063



15.3090, 0.3551, 0.3402



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.



37.0091, 0.4926, 0.3591



30.9067, 0.5441, 0.3593



65.4233, 0.4320, 0.4350



18.5573, 0.3290, 0.3337



12.4385, 0.6191, 0.3466



1.3536, 0.5988, 0.3628

Inverse Universe

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



62.9344, 0.2282, 0.2907



58.3896, 0.2182, 0.2820



30.0966, 0.2039, 0.1861



19.8472, 0.2980, 0.3243



26.9315, 0.2071, 0.2654



2.7684, 0.2093, 0.2735

Previews

White Background



This preview shows how the Yxy color 37.0079, 0.4926, 0.3591 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 37.0079, 0.4926, 0.3591 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 37.0079, 0.4926, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 37.0079, 0.4926, 0.3591.



This preview shows how white text looks on a background with the Yxy color 37.0079, 0.4926, 0.3591.

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

37.0079, 0.4926, 0.3591

Protanopia

37.1200, 0.3766, 0.4064

Deuteranopia

37.2527, 0.4224, 0.4146



Tritanopia

37.0646, 0.4544, 0.3213

Trichromacy



Original Color

37.0079, 0.4926, 0.3591

Protanomaly

35.9340, 0.4188, 0.3873

Deuteranomaly

36.6853, 0.4494, 0.3926

Tritanomaly

36.9833, 0.4691, 0.3354

Monochromacy



Original Color

37.0079, 0.4926, 0.3591

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.5881, 0.3740, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0079, 0.4926, 0.3591 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 95) }
```

Border

The CSS property to change the border of an element to Yxy 37.0079, 0.4926, 0.3591 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, 95) }
```

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

```
.border{ border-color:rgb(255, 126, 95) }
```

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, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
95) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 37.0079, 0.4926, 0.3591$ 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, 95) }
```

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

```
.background{ background-color: rgb(255,  
126, 95) }
```

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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