

Converting Colors

$Y_{xy}(35.1960, 0.5140, 0.3716)$

Have a look what the booklet for
Yxy(35.1960, 0.5140, 0.3716)
contains.

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Color

Yxy(35.3097, 0.5133, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	FD7A4B
RGB	253, 122, 75
RGB Percent	99%, 48%, 29%
CMY	0.0079, 0.5215, 0.7060
CMYK	0.00, 0.52, 0.70, 0.01
HSL	16°, 98%, 64%
HSV	16°, 70%, 99%
XYZ	48.7348, 35.3097, 10.8996
YIQ	155.8110, 93.1630, 13.1550

Conversions

Conversions Part 2

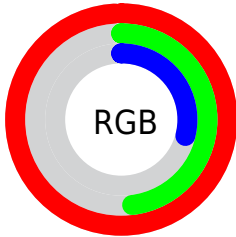
Format	Color
R _Y B	253, 139, 75
Decimal	16611915
CIE Lab	65.99, 46.79, 48.50
CIE LCh	66, 67.390, 46.025
Yxy	35.3097, 0.5133, 0.3719
Android (android.graphics.Color)	4294801995 (0xFFFD7A4B)
YUV	155.8110, -39.8398, 85.2348
Hunter-Lab	59.4220, 42.4079, 30.7200

Details

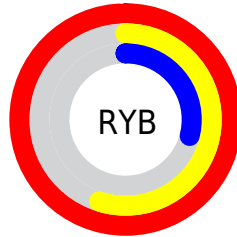
The Yxy color **35.3097, 0.5133, 0.3719** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **52.7076, 0.2175, 0.2686**, and the grayscale version is **33.3082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2106, 0.4278, 0.3819**, and **15.2780, 0.5673, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **30.8891, 0.5513, 0.3705**, and if you desaturate by 10%, it is **40.7473, 0.4742, 0.3695**.

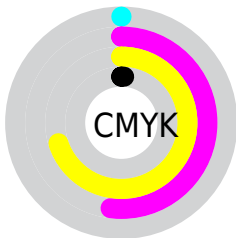
Distribution



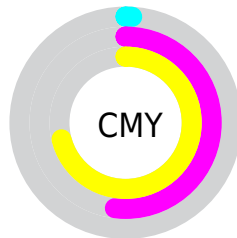
- Red (99%)
- Green (48%)
- Blue (29%)



- Red (99%)
- Yellow (55%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (70%)
- Black (1%)





- Cyan (1%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3097, 0.5133, 0.3719 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 35.3097, 0.5133, 0.3719 by changing the saturation by 10% instead.


 35.3097, 0.5133,
0.3719


 35.3097, 0.5133,
0.3719


325.9332, 0.4109,
0.3598

 23.9015, 0.5375,
0.3711


 67.9653, 0.4767,
0.3702


 15.2606, 0.5671,
0.3677


 89.9815, 0.4626,
0.3688


 9.0025, 0.6030,
0.3592


 116.3025, 0.4507,
0.3672

 4.7428, 0.6545,
0.3455

 147.3126, 0.4405,
0.3656

 2.0972, 0.6955,
0.3045

 183.3964, 0.4316,
0.3640

 0.6630, 0.7649,
0.2351

224.9382, 0.4238,

 0.0000, 1.0000,

0.3625

0.0000

272.3223, 0.4170,
0.3611

■ 0.0000, 0.0000,
0.0000

■ 35.3097, 0.5133,
0.3719

■ 35.3097, 0.5133,
0.3719

■ 30.8891, 0.5513,
0.3705

■ 40.7473, 0.4742,
0.3695

■ 27.4120, 0.5840,
0.3646

■ 47.2569, 0.4371,
0.3644

■ 24.8772, 0.6077,
0.3557


■ 54.8960, 0.4039,
0.3578

■ 63.7162, 0.3752,
0.3505

■ 73.7659, 0.3508,
0.3431

 85.0906, 0.3304,
0.3359

 97.7336, 0.3133,
0.3292

 99.6210, 0.3115,
0.3290

Harmonies

Analogous

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



35.3097, 0.4790, 0.3042



35.3097, 0.5133, 0.3719



35.3097, 0.4820, 0.4431

Triad

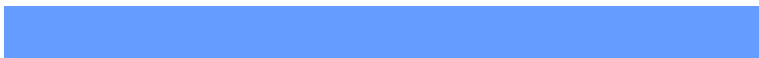
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.3097, 0.5133, 0.3719



35.3097, 0.2267, 0.4408



35.3097, 0.2021, 0.1823

Complementary

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



35.3097, 0.5133, 0.3719



52.7076, 0.2175, 0.2686

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.



35.3097, 0.1577, 0.1911



35.3097, 0.5133, 0.3719



35.3097, 0.1673, 0.3230

Square

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



35.3097, 0.5133, 0.3719



35.3097, 0.3152, 0.5164



35.3097, 0.1458, 0.2348



35.3097, 0.2815, 0.2014

Rectangle

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



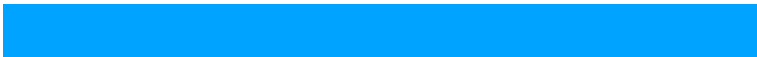
35.3097, 0.5133, 0.3719



35.3097, 0.4357, 0.4871



35.3097, 0.1458, 0.2348



35.3097, 0.1835, 0.1819

Sweetspot

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



35.3116, 0.5133, 0.3719



74.4050, 0.3523, 0.3436



30.4886, 0.3681, 0.2061



15.2983, 0.3586, 0.3456



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.



35.3116, 0.5133, 0.3719



30.0418, 0.5642, 0.3689



66.7390, 0.4375, 0.4530



18.7675, 0.3288, 0.3353



13.4359, 0.6049, 0.3579



1.4777, 0.5831, 0.3752

Inverse Universe

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



52.7076, 0.2175, 0.2686



48.2596, 0.2072, 0.2549



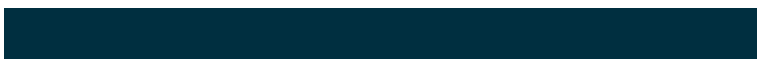
21.8952, 0.1883, 0.1511



19.6215, 0.2980, 0.3226



22.7388, 0.2002, 0.2407



2.3928, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 35.3097, 0.5133, 0.3719 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 35.3097, 0.5133, 0.3719 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 35.3097, 0.5133, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 35.3097, 0.5133, 0.3719.



This preview shows how white text looks on a background with the Yxy color 35.3097, 0.5133, 0.3719.

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

35.3097, 0.5133, 0.3719

Protanopia

35.5414, 0.3954, 0.4305

Deuteranopia

35.4792, 0.4414, 0.4319



Tritanopia

35.2060, 0.4669, 0.3215

Trichromacy



Original Color

35.3097, 0.5133, 0.3719

Protanomaly

34.4711, 0.4398, 0.4078

Deuteranomaly

34.8610, 0.4683, 0.4079

Tritanomaly

35.0683, 0.4860, 0.3412

Monochromacy



Original Color

35.3097, 0.5133, 0.3719

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.5552, 0.3821, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3097, 0.5133, 0.3719 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(253, 122, 75)` looks like.

```
.text, #text, p{  
    color:rgb(253, 122, 75)  
}
```

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(253, 122, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 122, 75) }
```

Border

The CSS property to change the border of an element to Yxy 35.3097, 0.5133, 0.3719 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(253, 122, 75) }
```

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

```
.border{ border-color:rgb(253, 122, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 122, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 122, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 122, 75);  
box-shadow:4px 4px 4px 4px rgb(253, 122,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3097, 0.5133, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 122, 75) }
```

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

```
.background{ background-color: rgb(253,  
122, 75) }
```

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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