

Converting Colors

Yxy(34.9988, 0.5116, 0.3632)

Have a look what the booklet for
Yxy(34.9988, 0.5116, 0.3632)
contains.

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Color

Yxy(35.0628, 0.5111, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	FF7752
RGB	255, 119, 82
RGB Percent	100%, 47%, 32%
CMY	0.0001, 0.5332, 0.6785
CMYK	0.00, 0.53, 0.68, 0.00
HSL	13°, 100%, 66%
HSV	13°, 68%, 100%
XYZ	49.3544, 35.0628, 12.1479
YIQ	155.4460, 92.9330, 17.3250

Conversions

Conversions Part 2

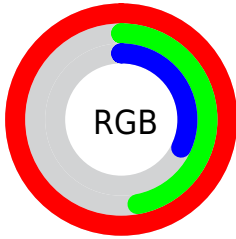
Format	Color
RYB	255, 129, 82
Decimal	16742226
CIELab	65.80, 49.31, 44.75
CIELCh	66, 66.585, 42.225
Yxy	35.0628, 0.5111, 0.3631
Android (android.graphics.Color)	4294932306 (0xFFFF7752)
YUV	155.4460, -36.2089, 87.3089
Hunter-Lab	59.2138, 45.1546, 29.2862

Details

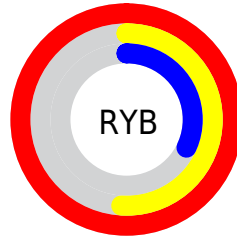
The Yxy color **35.0628, 0.5111, 0.3631** is a light color, and the websafe version is hex **FF6633**. The color can be described as light muted orange. A complement of this color would be **59.1300, 0.2226, 0.2826**, and the grayscale version is **33.1222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2256, 0.4235, 0.3719**, and **15.1084, 0.5660, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **30.4673, 0.5518, 0.3622**, and if you desaturate by 10%, it is **40.8119, 0.4700, 0.3609**.

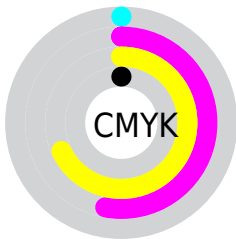
Distribution



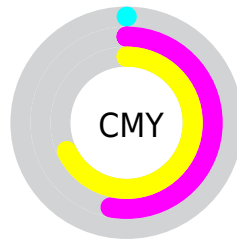
- Red (100%)
- Green (47%)
- Blue (32%)



- Red (100%)
- Yellow (51%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0628, 0.5111, 0.3631 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 35.0628, 0.5111, 0.3631 by changing the saturation by 10% instead.


 35.0628, 0.5111,
0.3631


 35.0628, 0.5111,
0.3631


324.8454, 0.4090,
0.3547


 23.7113, 0.5357,
0.3617


 67.5830, 0.4743,
0.3625

 15.1196, 0.5661,
0.3578


 89.5205, 0.4603,
0.3615

 8.9033, 0.6037,
0.3491


 115.7555, 0.4484,
0.3604

 4.6782, 0.6626,
0.3374

 146.6722, 0.4382,
0.3592

 2.0597, 0.7050,
0.2950

 182.6552, 0.4294,
0.3580

 0.6418, 0.7770,
0.2230

224.0888, 0.4218,

 0.0000, 1.0000,

0.3568

0.0000

271.3574, 0.4150,
0.3557

■ 0.0000, 0.0000,
0.0000

■ 35.0628, 0.5111,
0.3631

■ 35.0628, 0.5111,
0.3631

■ 30.4673, 0.5518,
0.3622

■ 40.8119, 0.4700,
0.3609

■ 26.9391, 0.5874,
0.3574

■ 47.7815, 0.4319,
0.3565


■ 24.3864, 0.6134,
0.3493

■ 56.0396, 0.3983,
0.3510

■ 23.9490, 0.6179,
0.3476

■ 65.6479, 0.3697,
0.3450

■ 76.6637, 0.3457,
0.3390

 89.1410, 0.3259,
0.3332

99.9963, 0.3127,
0.3290

Harmonies

Analogous

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



35.0628, 0.4683, 0.2964



35.0628, 0.5111, 0.3631



35.0628, 0.4876, 0.4336

Triad

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



35.0628, 0.5111, 0.3631



35.0628, 0.2376, 0.4531



35.0628, 0.1955, 0.1829

Complementary

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



35.0628, 0.5111, 0.3631



59.1300, 0.2226, 0.2826

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.



35.0628, 0.1556, 0.1956



35.0628, 0.5111, 0.3631



35.0628, 0.1738, 0.3373

Square

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



35.0628, 0.5111, 0.3631



35.0628, 0.3274, 0.5176



35.0628, 0.1478, 0.2443



35.0628, 0.2701, 0.1985

Rectangle

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



35.0628, 0.5111, 0.3631



35.0628, 0.4448, 0.4784



35.0628, 0.1478, 0.2443



35.0628, 0.1785, 0.1837

Sweetspot

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



35.0647, 0.5111, 0.3631



74.1782, 0.3505, 0.3402



32.4778, 0.3556, 0.2018



15.2020, 0.3571, 0.3419



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.



35.0647, 0.5111, 0.3631



29.2469, 0.5638, 0.3611



64.6173, 0.4398, 0.4431



18.6171, 0.3289, 0.3342



12.6904, 0.6154, 0.3496



1.3863, 0.5945, 0.3662

Inverse Universe

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



59.1300, 0.2226, 0.2826



54.3418, 0.2129, 0.2721



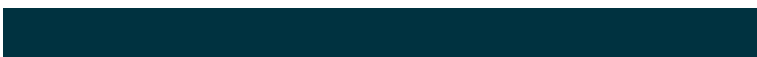
26.0323, 0.1949, 0.1689



19.7825, 0.2980, 0.3238



25.6848, 0.2051, 0.2584



2.6574, 0.2076, 0.2674

Previews

White Background



This preview shows how the Yxy color 35.0628, 0.5111, 0.3631 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 35.0628, 0.5111, 0.3631 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 35.0628, 0.5111, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 35.0628, 0.5111, 0.3631.



This preview shows how white text looks on a background with the Yxy color 35.0628, 0.5111, 0.3631.

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

35.0628, 0.5111, 0.3631

Protanopia

35.1001, 0.3871, 0.4199

Deuteranopia

35.2962, 0.4341, 0.4262



Tritanopia

34.9515, 0.4687, 0.3215

Trichromacy



Original Color

35.0628, 0.5111, 0.3631

Protanomaly

33.8435, 0.4331, 0.3970

Deuteranomaly

34.6599, 0.4634, 0.4004

Tritanomaly

34.8335, 0.4859, 0.3372

Monochromacy



Original Color

35.0628, 0.5111, 0.3631

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.9809, 0.3819, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0628, 0.5111, 0.3631 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, 119, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 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(255, 119, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 82) }
```

Border

The CSS property to change the border of an element to Yxy 35.0628, 0.5111, 0.3631 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, 119, 82) }
```

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

```
.border{ border-color:rgb(255, 119, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0628, 0.5111, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 82) }
```

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

```
.background{ background-color: rgb(255,  
119, 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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