

Converting Colors

Yxy(30.8082, 0.5268, 0.3434)

Have a look what the booklet for
Yxy(30.8082, 0.5268, 0.3434)
contains.

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Color

Yxy(30.8082, 0.5268, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	FF6353
RGB	255, 99, 83
RGB Percent	100%, 39%, 33%
CMY	0.0000, 0.6117, 0.6744
CMYK	0.00, 0.61, 0.67, 0.00
HSL	6°, 100%, 66%
HSV	6°, 67%, 100%
XYZ	47.2620, 30.8082, 11.6450
YIQ	143.8200, 98.1120, 28.0960

Conversions

Conversions Part 2

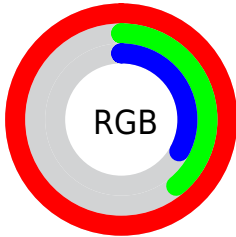
Format	Color
R _Y B	255, 101, 83
Decimal	16737107
CIE Lab	62.35, 58.43, 40.14
CIE LCh	62, 70.888, 34.493
Yxy	30.8082, 0.5268, 0.3434
Android (android.graphics.Color)	4294927187 (0xFFFF6353)
YUV	143.8200, -29.9843, 97.5049
Hunter-Lab	55.5051, 54.8567, 26.4145

Details

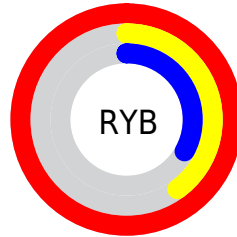
The Yxy color **30.8082, 0.5268, 0.3434** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **70.7966, 0.2294, 0.3094**, and the grayscale version is **27.9105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3961, 0.4342, 0.3522**, and **12.6610, 0.5900, 0.3313** is the 20% darker color. If you saturate the color by 10%, you get **26.7124, 0.5712, 0.3424**, and if you desaturate by 10%, it is **36.3068, 0.4810, 0.3428**.

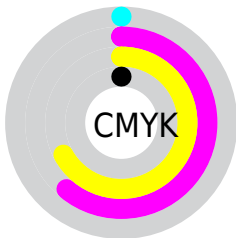
Distribution



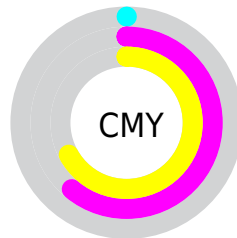
- Red (100%)
- Green (39%)
- Blue (33%)



- Red (100%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (61%)
- Yellow (67%)
- Black (0%)




- Cyan (0%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8082, 0.5268, 0.3434 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 30.8082, 0.5268, 0.3434 by changing the saturation by 10% instead.


 30.8082, 0.5268,
0.3434


 30.8082, 0.5268,
0.3434


305.6537, 0.4141,
0.3453


 20.4528, 0.5549,
0.3393


 60.9380, 0.4854,
0.3467


 12.7246, 0.5900,
0.3317


 81.4812, 0.4699,
0.3472


 7.2392, 0.6340,
0.3178


 106.1891, 0.4569,
0.3472

 3.6121, 0.7021,
0.2979

 135.4462, 0.4457,
0.3470

 1.4591, 0.7543,
0.2457

 169.6368, 0.4362,
0.3467

 0.2596, 0.8839,
0.1161

209.1453, 0.4278,


 0.0000, 1.0000,


0.3463


0.0000


254.3562, 0.4205,
0.3458

 0.0000, 0.0000,
0.0000


 30.8082, 0.5268,
0.3434


 30.8082, 0.5268,
0.3434


 26.7124, 0.5712,
0.3424

 36.3068, 0.4810,
0.3428


 23.8870, 0.6076,
0.3394

 43.3147, 0.4386,
0.3410


 22.1826, 0.6305,
0.3352

 51.9337, 0.4018,
0.3386

 21.8995, 0.6345,
0.3344

 62.2556, 0.3710,
0.3360

 74.3652, 0.3458,
0.3333

 88.3416, 0.3253,
0.3308

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



30.8082, 0.4617, 0.2747



30.8082, 0.5268, 0.3434



30.8082, 0.5154, 0.4182

Triad

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



30.8082, 0.5268, 0.3434



30.8082, 0.2517, 0.4973



30.8082, 0.1707, 0.1711

Complementary

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



30.8082, 0.5268, 0.3434



70.7966, 0.2294, 0.3094

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.



30.8082, 0.1376, 0.1923



30.8082, 0.5268, 0.3434



30.8082, 0.1741, 0.3706

Square

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



30.8082, 0.5268, 0.3434



30.8082, 0.3516, 0.5408



30.8082, 0.1373, 0.2555



30.8082, 0.2406, 0.1808

Rectangle

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



30.8082, 0.5268, 0.3434



30.8082, 0.4743, 0.4700



30.8082, 0.1373, 0.2555



30.8082, 0.1559, 0.1743

Sweetspot

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



30.8099, 0.5268, 0.3434



71.0935, 0.3517, 0.3340



33.7801, 0.3338, 0.1874



14.4771, 0.3587, 0.3347



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.



30.8099, 0.5268, 0.3434



25.5692, 0.5854, 0.3415



55.8912, 0.4547, 0.4250



18.2584, 0.3292, 0.3313



11.5343, 0.6331, 0.3355



1.2103, 0.6192, 0.3465

Inverse Universe

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



70.7966, 0.2294, 0.3094



67.7349, 0.2217, 0.3050



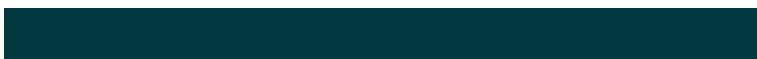
32.3963, 0.2020, 0.1966



20.1756, 0.2980, 0.3267



33.8410, 0.2165, 0.2995



3.3757, 0.2176, 0.3032

Previews

White Background



This preview shows how the Yxy color 30.8082, 0.5268, 0.3434 looks on a white background.

Color Contrast Check

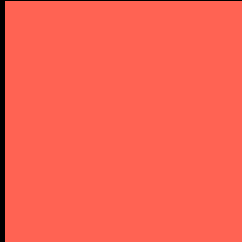
Large Text (above 18pt) WCAG AA × Fail

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 30.8082, 0.5268, 0.3434 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 30.8082, 0.5268, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 30.8082, 0.5268, 0.3434.



This preview shows how white text looks on a background with the Yxy color 30.8082, 0.5268, 0.3434.

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

30.8082, 0.5268, 0.3434

Protanopia

30.9850, 0.3747, 0.4035

Deuteranopia

30.8936, 0.4294, 0.4212



Tritanopia

30.7887, 0.5049, 0.3241

Trichromacy



Original Color

30.8082, 0.5268, 0.3434

Protanomaly

29.1991, 0.4316, 0.3780

Deuteranomaly

29.8373, 0.4678, 0.3882

Tritanomaly

30.8399, 0.5128, 0.3314

Monochromacy



Original Color

30.8082, 0.5268, 0.3434

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0338, 0.3873, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8082, 0.5268, 0.3434 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, 99, 83)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 83)  
}
```

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, 99, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 83) }
```

Border

The CSS property to change the border of an element to Yxy 30.8082, 0.5268, 0.3434 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, 99, 83) }
```

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

```
.border{ border-color:rgb(255, 99, 83) }
```

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

Here you see how a box with a 4 pixel rgb(255, 99, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 83);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8082, 0.5268, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 83) }
```

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

```
.background{ background-color: rgb(255, 99,  
83) }
```

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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