

Converting Colors

Yxy(30.6664, 0.5275, 0.3428)

Have a look what the booklet for
Yxy(30.6664, 0.5275, 0.3428)
contains.

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Color

Yxy(30.6199, 0.5276, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	FF6253
RGB	255, 98, 83
RGB Percent	100%, 38%, 33%
CMY	0.0000, 0.6156, 0.6744
CMYK	0.00, 0.62, 0.67, 0.00
HSL	5°, 100%, 66%
HSV	5°, 67%, 100%
XYZ	47.1681, 30.6199, 11.6132
YIQ	143.2330, 98.3870, 28.6190

Conversions

Conversions Part 2

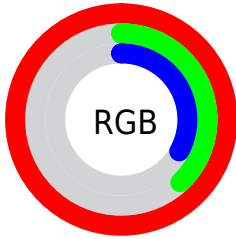
Format	Color
R _Y B	255, 99, 83
Decimal	16736851
CIE Lab	62.19, 58.85, 39.95
CIE LCh	62, 71.133, 34.173
Yxy	30.6199, 0.5276, 0.3425
Android (android.graphics.Color)	4294926931 (0xFFFF6253)
YUV	143.2330, -29.6949, 98.0197
Hunter-Lab	55.3353, 55.3176, 26.2915

Details

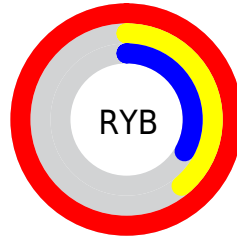
The Yxy color **30.6199, 0.5276, 0.3425** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **71.3836, 0.2297, 0.3107**, and the grayscale version is **27.6610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0647, 0.4348, 0.3512**, and **12.5962, 0.5908, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **26.5559, 0.5721, 0.3415**, and if you desaturate by 10%, it is **36.0983, 0.4816, 0.3419**.

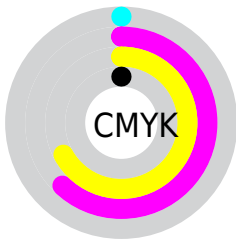
Distribution



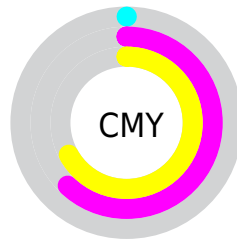
- Red (100%)
- Green (38%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (62%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6199, 0.5276, 0.3425 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 30.6199, 0.5276, 0.3425 by changing the saturation by 10% instead.


 30.6199, 0.5276,
0.3425


 30.6199, 0.5276,
0.3425


304.7834, 0.4143,
0.3449

 20.3096, 0.5558,
0.3382


 60.6411, 0.4860,
0.3460


 12.6203, 0.5911,
0.3305

 81.1209, 0.4704,
0.3465


 7.1676, 0.6355,
0.3163

 105.7592, 0.4573,
0.3466

 3.5671, 0.7040,
0.2960

 134.9405, 0.4461,
0.3465

 1.4345, 0.7566,
0.2434

 169.0491, 0.4365,
0.3462

 0.2419, 0.8904,
0.1096

208.4696, 0.4281,

 0.0000, 1.0000,

0.3458

0.0000

253.5862, 0.4208,
0.3454

■ 0.0000, 0.0000,
0.0000

■ 30.6199, 0.5276,
0.3425

■ 30.6199, 0.5276,
0.3425

■ 26.5559, 0.5721,
0.3415

■ 36.0983, 0.4816,
0.3419

■ 23.7711, 0.6085,
0.3387

■ 43.0997, 0.4390,
0.3403


■ 22.1122, 0.6311,
0.3347

■ 51.7283, 0.4020,
0.3380

■ 21.8410, 0.6350,
0.3340

■ 62.0775, 0.3711,
0.3355

■ 74.2335, 0.3458,
0.3330

 88.2770, 0.3254,
0.3307

99.9986, 0.3127,
0.3290

Harmonies

Analogous

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



30.6199, 0.4614, 0.2737



30.6199, 0.5276, 0.3425



30.6199, 0.5167, 0.4175

Triad

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



30.6199, 0.5276, 0.3425



30.6199, 0.2523, 0.4994



30.6199, 0.1696, 0.1705

Complementary

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



30.6199, 0.5276, 0.3425



71.3836, 0.2297, 0.3107

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.



30.6199, 0.1367, 0.1921



30.6199, 0.5276, 0.3425



30.6199, 0.1741, 0.3722

Square

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



30.6199, 0.5276, 0.3425



30.6199, 0.3527, 0.5418



30.6199, 0.1368, 0.2560



30.6199, 0.2393, 0.1799

Rectangle

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



30.6199, 0.5276, 0.3425



30.6199, 0.4756, 0.4696



30.6199, 0.1368, 0.2560



30.6199, 0.1548, 0.1739

Sweetspot

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



30.6216, 0.5276, 0.3425



70.9485, 0.3518, 0.3337



33.7801, 0.3338, 0.1874



14.4432, 0.3587, 0.3344



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.



30.6216, 0.5276, 0.3425



25.4264, 0.5863, 0.3407



55.8913, 0.4547, 0.4250



18.2414, 0.3292, 0.3311



11.4995, 0.6336, 0.3351



1.2022, 0.6204, 0.3456

Inverse Universe

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



71.3836, 0.2297, 0.3107



68.4273, 0.2221, 0.3066



32.3960, 0.2020, 0.1966



20.1946, 0.2980, 0.3269



34.2703, 0.2171, 0.3014



3.4131, 0.2180, 0.3048

Previews

White Background



This preview shows how the Yxy color 30.6199, 0.5276, 0.3425 looks on a white background.

Color Contrast Check

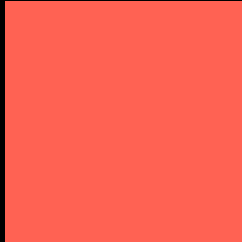
Large Text (above 18pt) WCAG AA × Fail

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 30.6199, 0.5276, 0.3425 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 30.6199, 0.5276, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 30.6199, 0.5276, 0.3425.



This preview shows how white text looks on a background with the Yxy color 30.6199, 0.5276, 0.3425.

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

30.6199, 0.5276, 0.3425

Protanopia

30.8791, 0.3736, 0.4038

Deuteranopia

30.4672, 0.4292, 0.4204



Tritanopia

30.5851, 0.5068, 0.3241

Trichromacy



Original Color

30.6199, 0.5276, 0.3425

Protanomaly

29.0645, 0.4305, 0.3783

Deuteranomaly

29.4304, 0.4677, 0.3873

Tritanomaly

30.6356, 0.5147, 0.3314

Monochromacy



Original Color

30.6199, 0.5276, 0.3425

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7496, 0.3891, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6199, 0.5276, 0.3425 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, 98, 83)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 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, 98, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 83) }
```

Border

The CSS property to change the border of an element to Yxy 30.6199, 0.5276, 0.3425 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, 98, 83) }
```

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

```
.border{ border-color:rgb(255, 98, 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, 98, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 83);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6199, 0.5276, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 83) }
```

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

```
.background{ background-color: rgb(255, 98,  
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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