

Converting Colors

Yxy(33.6481, 0.4945, 0.3168)

Have a look what the booklet for
Yxy(33.6481, 0.4945, 0.3168)
contains.

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Color

Yxy(31.8052, 0.4871, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	FF6573
RGB	255, 101, 115
RGB Percent	100%, 40%, 45%
CMY	0.0000, 0.6040, 0.5489
CMYK	0.00, 0.60, 0.55, 0.00
HSL	355°, 100%, 70%
HSV	355°, 60%, 100%
XYZ	48.9953, 31.8052, 19.7852
YIQ	148.6420, 87.2900, 37.0020

Conversions

Conversions Part 2

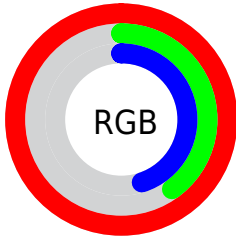
Format	Color
R _Y B	255, 101, 115
Decimal	16737651
CIE Lab	63.18, 59.61, 23.24
CIE LCh	63, 63.976, 21.300
Yxy	31.8052, 0.4871, 0.3162
Android (android.graphics.Color)	4294927731 (0xFFFF6573)
YUV	148.6420, -16.5855, 93.2760
Hunter-Lab	56.3961, 56.3825, 18.6768

Details

The Yxy color **31.8052, 0.4871, 0.3162** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.6341, 0.2442, 0.3455**, and the grayscale version is **29.9372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1640, 0.3988, 0.3187**, and **13.3286, 0.5439, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **27.1285, 0.5330, 0.3163**, and if you desaturate by 10%, it is **38.1471, 0.4440, 0.3174**.

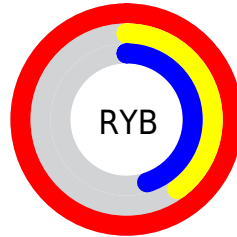
Distribution



Red (100%)

Green (40%)

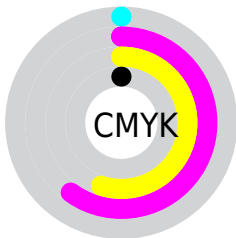
Blue (45%)



Red (100%)

Yellow (40%)

Blue (45%)

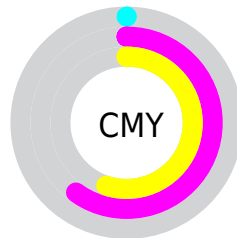


Cyan (0%)

Magenta (60%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (60%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8052, 0.4871, 0.3162 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 31.8052, 0.4871, 0.3162 by changing the saturation by 10% instead.


 31.8052, 0.4871,
0.3162


 31.8052, 0.4871,
0.3162


310.2309, 0.3942,
0.3277


 21.2128, 0.5115,
0.3115


 62.5056, 0.4523,
0.3217


 13.2796, 0.5431,
0.3043


 83.3823, 0.4395,
0.3234

 7.6214, 0.5852,
0.2928


 108.4559, 0.4288,
0.3246

 3.8536, 0.6429,
0.2731

 138.1108, 0.4198,
0.3255

 1.5920, 0.7527,
0.2473

172.7313, 0.4120,
0.3263

 0.3522, 0.8615,
0.1385

212.7019, 0.4053,


 0.0000, 1.0000,


0.3268


0.0000


258.4070, 0.3994,
0.3273


 0.0000, 0.0000,
0.0000


 31.8052, 0.4871,
0.3162

 31.8052, 0.4871,
0.3162


 27.1285, 0.5330,
0.3163


 38.1471, 0.4440,
0.3174


 23.9657, 0.5768,
0.3182

 46.2984, 0.4066,
0.3194

 22.1269, 0.6116,
0.3217

 56.3804, 0.3754,
0.3218

 21.3229, 0.6322,
0.3256

 68.5058, 0.3500,
0.3242

 82.7784, 0.3296,
0.3267

99.2952, 0.3133,
0.3289

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.



31.8052, 0.4038, 0.2551



31.8052, 0.4871, 0.3162



31.8052, 0.5091, 0.3841

Triad

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



31.8052, 0.4871, 0.3162



31.8052, 0.2993, 0.5060



31.8052, 0.1650, 0.1893

Complementary

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



31.8052, 0.4871, 0.3162



80.6341, 0.2442, 0.3455

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.



31.8052, 0.1477, 0.2259



31.8052, 0.4871, 0.3162



31.8052, 0.2153, 0.4189

Square

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



31.8052, 0.4871, 0.3162



31.8052, 0.3917, 0.5092



31.8052, 0.1630, 0.3049



31.8052, 0.2150, 0.1857

Rectangle

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



31.8052, 0.4871, 0.3162



31.8052, 0.4882, 0.4311



31.8052, 0.1630, 0.3049



31.8052, 0.1558, 0.1974

Sweetspot

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



31.8031, 0.4871, 0.3162



71.7286, 0.3447, 0.3248



34.9796, 0.3051, 0.1824



14.5192, 0.3512, 0.3241



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.



31.8031, 0.4871, 0.3162



26.5245, 0.5404, 0.3165



48.2488, 0.4584, 0.3907



18.0140, 0.3280, 0.3269



11.1507, 0.6301, 0.3245



1.0944, 0.6103, 0.3135

Inverse Universe

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



31.8031, 0.4871, 0.3162



26.5245, 0.5404, 0.3165



48.3003, 0.2211, 0.2508



18.0140, 0.3280, 0.3269



11.1507, 0.6301, 0.3245



1.0944, 0.6103, 0.3135

Previews

White Background



This preview shows how the Yxy color 31.8052, 0.4871, 0.3162 looks on a white background.

Color Contrast Check

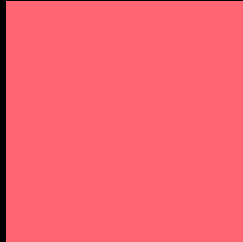
Large Text (above 18pt) WCAG AA × Fail

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 31.8052, 0.4871, 0.3162 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 31.8052, 0.4871, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 31.8052, 0.4871, 0.3162.



This preview shows how white text looks on a background with the Yxy color 31.8052, 0.4871, 0.3162.

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

31.8052, 0.4871, 0.3162

Protanopia

32.0175, 0.3321, 0.3504

Deuteranopia

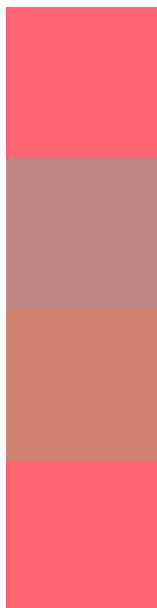
31.8952, 0.3909, 0.3845



Tritanopia

31.8669, 0.4941, 0.3230

Trichromacy



Original Color

31.8052, 0.4871, 0.3162

Protanomaly

30.1312, 0.3865, 0.3347

Deuteranomaly

30.6683, 0.4279, 0.3533

Tritanomaly

31.9104, 0.4916, 0.3210

Monochromacy



Original Color

31.8052, 0.4871, 0.3162

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0000, 0.3723, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8052, 0.4871, 0.3162 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, 101, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 115)  
}
```

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, 101, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 115) }
```

Border

The CSS property to change the border of an element to Yxy 31.8052, 0.4871, 0.3162 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, 101, 115) }
```

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

```
.border{ border-color:rgb(255, 101, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 101, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8052, 0.4871, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 115) }
```

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

```
.background{ background-color: rgb(255,  
101, 115) }
```

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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