

Converting Colors

$Y_{xy}(46.8433, 0.5273, 0.3337)$

Have a look what the booklet for
Yxy(46.8433, 0.5273, 0.3337)
contains.

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Color

Yxy(34.3988, 0.4861, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	FF726D
RGB	255, 114, 109
RGB Percent	100%, 45%, 43%
CMY	0.0000, 0.5529, 0.5724
CMYK	0.00, 0.55, 0.57, 0.00
HSL	2°, 100%, 71%
HSV	2°, 57%, 100%
XYZ	50.0187, 34.3988, 18.4805
YIQ	155.5890, 85.6410, 28.3370

Conversions

Conversions Part 2

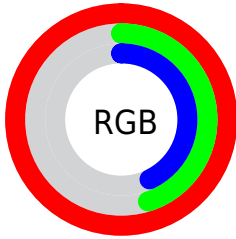
Format	Color
R _Y B	255, 114, 109
Decimal	16740973
CIE Lab	65.28, 53.34, 29.40
CIE LCh	65, 60.908, 28.862
Yxy	34.3988, 0.4861, 0.3343
Android (android.graphics.Color)	4294931053 (0xFFFF726D)
YUV	155.5890, -22.9684, 87.1834
Hunter-Lab	58.6505, 49.5912, 22.3734

Details

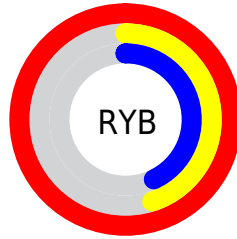
The Yxy color **34.3988, 0.4861, 0.3343** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **78.8598, 0.2398, 0.3230**, and the grayscale version is **33.1313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5827, 0.3997, 0.3387**, and **14.8023, 0.5399, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **29.0999, 0.5337, 0.3345**, and if you desaturate by 10%, it is **41.3563, 0.4417, 0.3336**.

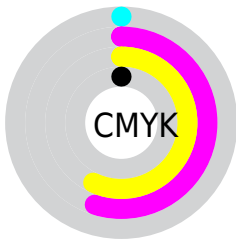
Distribution



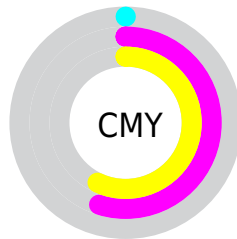
- Red (100%)
- Green (45%)
- Blue (43%)



- Red (100%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (55%)
- Yellow (57%)
- Black (0%)




- Cyan (0%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.3988, 0.4861, 0.3343 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 34.3988, 0.4861, 0.3343 by changing the saturation by 10% instead.

 34.3988, 0.4861,
0.3343


 34.3988, 0.4861,
0.3343


321.9066, 0.3950,
0.3371


 23.2001, 0.5095,
0.3316


 66.5534, 0.4523,
0.3368

 14.7414, 0.5394,
0.3268


 88.2780, 0.4398,
0.3372

 8.6381, 0.5787,
0.3183


 114.2802, 0.4293,
0.3375

 4.5059, 0.6311,
0.3024

 144.9442, 0.4204,
0.3375

 1.9604, 0.7210,
0.2790

180.6544, 0.4127,
0.3375

 0.5843, 0.7989,
0.2011

221.7953, 0.4060,


 0.0000, 1.0000,

0.3374


0.0000


268.7513, 0.4001,
0.3372


 0.0000, 0.0000,
0.0000


 34.3988, 0.4861,
0.3343


 34.3988, 0.4861,
0.3343


 29.0999, 0.5337,
0.3345


 41.3563, 0.4417,
0.3336


 25.3169, 0.5791,
0.3341


 50.0888, 0.4034,
0.3327

 22.8922, 0.6148,
0.3329

 60.7086, 0.3716,
0.3316

 21.6305, 0.6351,
0.3314

 73.3172, 0.3458,
0.3306

 21.4483, 0.6384,
0.3313

 88.0088, 0.3251,
0.3297

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



34.3988, 0.4206, 0.2736



34.3988, 0.4861, 0.3343



34.3988, 0.4922, 0.4000

Triad

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



34.3988, 0.4861, 0.3343



34.3988, 0.2800, 0.4777



34.3988, 0.1825, 0.1940

Complementary

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



34.3988, 0.4861, 0.3343



78.8598, 0.2398, 0.3230

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.



34.3988, 0.1582, 0.2208



34.3988, 0.4861, 0.3343



34.3988, 0.2064, 0.3851

Square

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



34.3988, 0.4861, 0.3343



34.3988, 0.3673, 0.5027



34.3988, 0.1651, 0.2851



34.3988, 0.2385, 0.1970

Rectangle

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



34.3988, 0.4861, 0.3343



34.3988, 0.4654, 0.4435



34.3988, 0.1651, 0.2851



34.3988, 0.1710, 0.1993

Sweetspot

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



34.4007, 0.4861, 0.3343



73.6483, 0.3452, 0.3306



39.1145, 0.3234, 0.1977



15.1843, 0.3499, 0.3308



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.



34.4007, 0.4861, 0.3343



28.3294, 0.5420, 0.3345



57.8548, 0.4349, 0.4075



18.0861, 0.3294, 0.3299



11.2503, 0.6377, 0.3318



1.1288, 0.6321, 0.3363

Inverse Universe

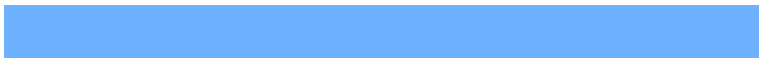
The Inverse Universe completely reimagines the original color for something new.



78.8598, 0.2398, 0.3230



76.6388, 0.2315, 0.3216



41.9769, 0.2196, 0.2298



20.3690, 0.2980, 0.3281



38.3591, 0.2218, 0.3183



3.7668, 0.2221, 0.3196

Previews

White Background



This preview shows how the Yxy color 34.3988, 0.4861, 0.3343 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 34.3988, 0.4861, 0.3343 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 34.3988, 0.4861, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 34.3988, 0.4861, 0.3343.



This preview shows how white text looks on a background with the Yxy color 34.3988, 0.4861, 0.3343.

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

34.3988, 0.4861, 0.3343

Protanopia

34.6796, 0.3506, 0.3748

Deuteranopia

34.5121, 0.4027, 0.3953



Tritanopia

34.4263, 0.4736, 0.3226

Trichromacy



Original Color

34.3988, 0.4861, 0.3343

Protanomaly

33.3048, 0.3990, 0.3583

Deuteranomaly

33.4930, 0.4345, 0.3696

Tritanomaly

34.3312, 0.4784, 0.3266

Monochromacy



Original Color

34.3988, 0.4861, 0.3343

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.1203, 0.3712, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3988, 0.4861, 0.3343 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, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 109)  
}
```

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, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 109) }
```

Border

The CSS property to change the border of an element to Yxy 34.3988, 0.4861, 0.3343 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, 114, 109) }
```

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

```
.border{ border-color:rgb(255, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3988, 0.4861, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 109) }
```

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

```
.background{ background-color: rgb(255,  
114, 109) }
```

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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