

Converting Colors

Yxy(35.0521, 0.4917, 0.3443)

Have a look what the booklet for
Yxy(35.0521, 0.4917, 0.3443)
contains.

Yxy(34.9419, 0.4920, 0.3438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.9419, 0.4920, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	FF7566
RGB	255, 117, 102
RGB Percent	100%, 46%, 40%
CMY	0.0000, 0.5412, 0.5999
CMYK	0.00, 0.54, 0.60, 0.00
HSL	6°, 100%, 70%
HSV	6°, 60%, 100%
XYZ	50.0041, 34.9419, 16.6884
YIQ	156.5520, 87.0630, 24.5910

Conversions

Conversions Part 2

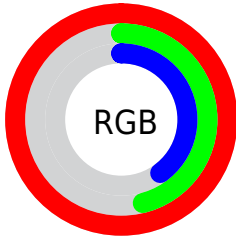
Format	Color
R _Y B	255, 119, 102
Decimal	16741734
CIE Lab	65.70, 51.47, 33.84
CIE LCh	66, 61.594, 33.321
Yxy	34.9419, 0.4920, 0.3438
Android (android.graphics.Color)	4294931814 (0xFFFF7566)
YUV	156.5520, -26.8941, 86.3389
Hunter-Lab	59.1117, 47.5524, 24.6395

Details

The Yxy color **34.9419, 0.4920, 0.3438** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.3904, 0.2350, 0.3110**, and the grayscale version is **33.5990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0650, 0.4064, 0.3493**, and **15.0585, 0.5460, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **29.7929, 0.5378, 0.3441**, and if you desaturate by 10%, it is **41.5631, 0.4486, 0.3422**.

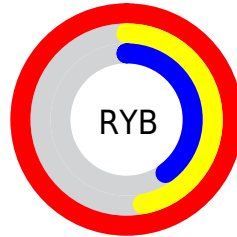
Distribution



Red (100%)

Green (46%)

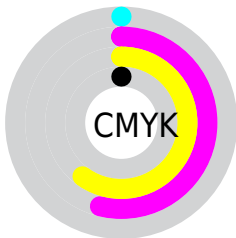
Blue (40%)



Red (100%)

Yellow (47%)

Blue (40%)

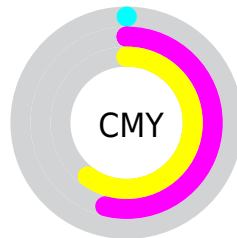


Cyan (0%)

Magenta (54%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9419, 0.4920, 0.3438 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 34.9419, 0.4920, 0.3438 by changing the saturation by 10% instead.


 34.9419, 0.4920,
0.3438


 34.9419, 0.4920,
0.3438


324.3118, 0.3983,
0.3425

 23.6181, 0.5157,
0.3418


 67.3958, 0.4575,
0.3450

 15.0506, 0.5457,
0.3377


 89.2946, 0.4447,
0.3450

 8.8549, 0.5845,
0.3297


 115.4873, 0.4338,
0.3447

 4.6467, 0.6360,
0.3144

 146.3582, 0.4246,
0.3443

 2.0415, 0.7126,
0.2874

182.2917, 0.4167,
0.3439

 0.6314, 0.7860,
0.2140

223.6722, 0.4098,


 0.0000, 1.0000,


0.3435


0.0000


270.8841, 0.4037,
0.3430

 0.0000, 0.0000,
0.0000


 34.9419, 0.4920,
0.3438


 34.9419, 0.4920,
0.3438


 29.7929, 0.5378,
0.3441


 41.5631, 0.4486,
0.3422


 26.0038, 0.5807,
0.3425


 49.7584, 0.4103,
0.3398


 23.4446, 0.6142,
0.3390

 59.6197, 0.3781,
0.3370

 21.9541, 0.6341,
0.3347

 71.2322, 0.3517,
0.3342

 21.9527, 0.6341,
0.3347

 84.6752, 0.3301,
0.3315

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.



34.9419, 0.4341, 0.2818



34.9419, 0.4920, 0.3438



34.9419, 0.4890, 0.4101

Triad

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



34.9419, 0.4920, 0.3438



34.9419, 0.2673, 0.4681



34.9419, 0.1881, 0.1920

Complementary

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



34.9419, 0.4920, 0.3438



72.3904, 0.2350, 0.3110

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.



34.9419, 0.1592, 0.2140



34.9419, 0.4920, 0.3438



34.9419, 0.1974, 0.3693

Square

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



34.9419, 0.4920, 0.3438



34.9419, 0.3545, 0.5050



34.9419, 0.1613, 0.2726



34.9419, 0.2492, 0.1991

Rectangle

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



34.9419, 0.4920, 0.3438



34.9419, 0.4575, 0.4531



34.9419, 0.1613, 0.2726



34.9419, 0.1750, 0.1958

Sweetspot

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



34.9417, 0.4920, 0.3438



73.7538, 0.3470, 0.3337



37.1958, 0.3312, 0.1985



15.0008, 0.3539, 0.3345



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.



34.9417, 0.4920, 0.3438



28.9243, 0.5468, 0.3439



59.5973, 0.4367, 0.4176



18.2727, 0.3292, 0.3314



11.5646, 0.6326, 0.3359



1.2170, 0.6182, 0.3474

Inverse Universe

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



72.3904, 0.2350, 0.3110



69.1683, 0.2261, 0.3068



37.2361, 0.2131, 0.2138



20.1598, 0.2980, 0.3266



33.4856, 0.2161, 0.2979



3.3448, 0.2172, 0.3018

Previews

White Background



This preview shows how the Yxy color 34.9419, 0.4920, 0.3438 looks on a white background.

Color Contrast Check

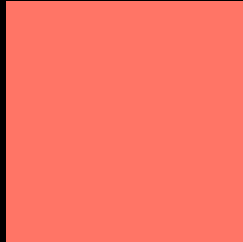
Large Text (above 18pt) WCAG AA × Fail

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 34.9419, 0.4920, 0.3438 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 34.9419, 0.4920, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 34.9419, 0.4920, 0.3438.



This preview shows how white text looks on a background with the Yxy color 34.9419, 0.4920, 0.3438.

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

34.9419, 0.4920, 0.3438

Protanopia

35.1556, 0.3610, 0.3874

Deuteranopia

35.0963, 0.4119, 0.4043



Tritanopia

34.9515, 0.4687, 0.3215

Trichromacy



Original Color

34.9419, 0.4920, 0.3438

Protanomaly

33.6953, 0.4093, 0.3696

Deuteranomaly

34.2369, 0.4424, 0.3796

Tritanomaly

34.9886, 0.4777, 0.3305

Monochromacy



Original Color

34.9419, 0.4920, 0.3438

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.4896, 0.3741, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9419, 0.4920, 0.3438 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, 117, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 102)  
}
```

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, 117, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 102) }
```

Border

The CSS property to change the border of an element to Yxy 34.9419, 0.4920, 0.3438 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, 117, 102) }
```

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

```
.border{ border-color:rgb(255, 117, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 117, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9419, 0.4920, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 102) }
```

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

```
.background{ background-color: rgb(255,  
117, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor