

Converting Colors

Yxy(51.0248, 0.4847, 0.3307)

Have a look what the booklet for
Yxy(51.0248, 0.4847, 0.3307)
contains.

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Color

Yxy(40.5895, 0.4438, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FF8886
RGB	255, 136, 134
RGB Percent	100%, 53%, 53%
CMY	0.0000, 0.4667, 0.4744
CMYK	0.00, 0.47, 0.47, 0.00
HSL	1°, 100%, 76%
HSV	1°, 47%, 100%
XYZ	54.3561, 40.5895, 27.5333
YIQ	171.3530, 71.5660, 24.6060

Conversions

Conversions Part 2

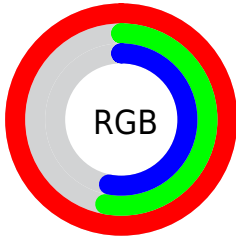
Format	Color
R _Y B	255, 136, 134
Decimal	16746630
CIE Lab	69.89, 44.82, 21.61
CIE LCh	70, 49.757, 25.740
Yxy	40.5895, 0.4438, 0.3314
Android (android.graphics.Color)	4294936710 (0xFFFF8886)
YUV	171.3530, -18.4150, 73.3584
Hunter-Lab	63.7099, 40.8007, 18.9738

Details

The Yxy color **40.5895, 0.4438, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.5665, 0.2493, 0.3266**, and the grayscale version is **40.9753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1095, 0.3695, 0.3333**, and **18.2959, 0.4834, 0.3283** is the 20% darker color. If you saturate the color by 10%, you get **33.7009, 0.4888, 0.3318**, and if you desaturate by 10%, it is **49.2969, 0.4048, 0.3309**.

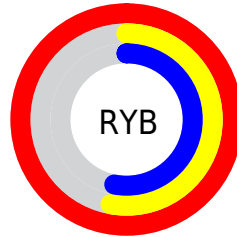
Distribution



Red (100%)

Green (53%)

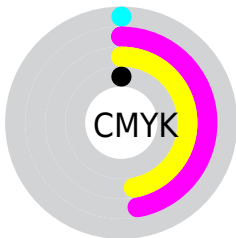
Blue (53%)



Red (100%)

Yellow (53%)

Blue (53%)

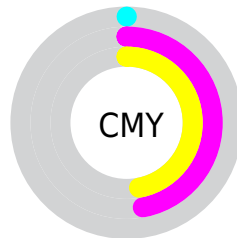


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5895, 0.4438, 0.3314 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 40.5895, 0.4438, 0.3314 by changing the saturation by 10% instead.


 40.5895, 0.4438,
0.3314


 40.5895, 0.4438,
0.3314


348.6020, 0.3762,
0.3332

 27.9985, 0.4610,
0.3300


 76.0604, 0.4189,
0.3328

 18.3245, 0.4831,
0.3275


 99.7090, 0.4097,
0.3331

 11.1832, 0.5125,
0.3232


 127.8122, 0.4019,
0.3332

 6.1902, 0.5530,
0.3152

160.7545, 0.3952,
0.3333

 2.9611, 0.6108,
0.2995

198.9202, 0.3895,
0.3333

 1.1114, 0.7236,
0.2764

242.6938, 0.3845,


 0.0000, 1.0000,


0.3333


0.0000


292.4596, 0.3801,
0.3332


 0.0000, 0.0000,
0.0000

 40.5895, 0.4438,
0.3314

 40.5895, 0.4438,
0.3314

 33.7009, 0.4888,
0.3318

 49.2969, 0.4048,
0.3309


 28.5106, 0.5369,
0.3320


 59.9492, 0.3725,
0.3304

 24.8690, 0.5823,
0.3318

 72.6508, 0.3464,
0.3298

 22.6044, 0.6173,
0.3313

 87.5011, 0.3255,
0.3293

 21.5035, 0.6363,
0.3306

100.0000, 0.3127,
0.3290

 21.3497, 0.6393,
0.3306

Harmonies

Analogous

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



40.5895, 0.3895, 0.2810



40.5895, 0.4438, 0.3314



40.5895, 0.4562, 0.3856

Triad

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



40.5895, 0.4438, 0.3314



40.5895, 0.2970, 0.4448



40.5895, 0.2043, 0.2216

Complementary

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



40.5895, 0.4438, 0.3314



82.5665, 0.2493, 0.3266

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.



40.5895, 0.1866, 0.2486



40.5895, 0.4438, 0.3314



40.5895, 0.2350, 0.3807

Square

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



40.5895, 0.4438, 0.3314



40.5895, 0.3669, 0.4624



40.5895, 0.1965, 0.3045



40.5895, 0.2485, 0.2206

Rectangle

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



40.5895, 0.4438, 0.3314



40.5895, 0.4400, 0.4198



40.5895, 0.1965, 0.3045



40.5895, 0.1955, 0.2275

Sweetspot

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



40.5865, 0.4438, 0.3314



77.5129, 0.3387, 0.3297



45.5375, 0.3181, 0.2136



15.9319, 0.3434, 0.3298



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.



40.5865, 0.4438, 0.3314



33.9676, 0.4867, 0.3318



61.7944, 0.4116, 0.3916



18.0341, 0.3294, 0.3294



11.1761, 0.6389, 0.3309



1.1040, 0.6362, 0.3330

Inverse Universe

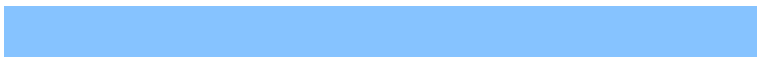
The Inverse Universe completely reimagines the original color for something new.



82.5665, 0.2493, 0.3266



80.5394, 0.2407, 0.3261



51.1030, 0.2360, 0.2550



20.4279, 0.2980, 0.3286



39.8039, 0.2233, 0.3238



3.8911, 0.2235, 0.3244

Previews

White Background



This preview shows how the Yxy color 40.5895, 0.4438, 0.3314 looks on a white background.

Color Contrast Check

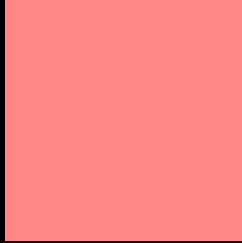
Large Text (above 18pt) WCAG AA × Fail

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 40.5895, 0.4438, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

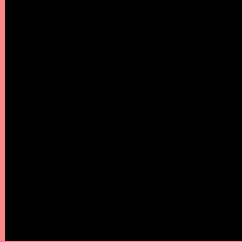
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5895, 0.4438, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 40.5895, 0.4438, 0.3314.



This preview shows how white text looks on a background with the Yxy color 40.5895, 0.4438, 0.3314.

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

40.5895, 0.4438, 0.3314

Protanopia

40.9439, 0.3374, 0.3566

Deuteranopia

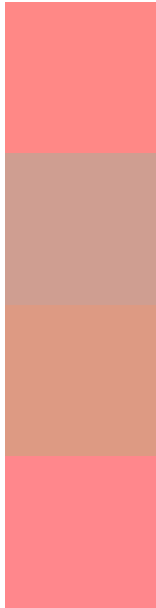
40.6925, 0.3826, 0.3743



Tritanopia

40.6016, 0.4330, 0.3200

Trichromacy



Original Color

40.5895, 0.4438, 0.3314

Protanomaly

39.7635, 0.3744, 0.3457

Deuteranomaly

40.1220, 0.4045, 0.3569

Tritanomaly

40.4814, 0.4376, 0.3242

Monochromacy



Original Color

40.5895, 0.4438, 0.3314

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.4789, 0.3564, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5895, 0.4438, 0.3314 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, 136, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 134)  
}
```

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, 136, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 134) }
```

Border

The CSS property to change the border of an element to Yxy 40.5895, 0.4438, 0.3314 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, 136, 134) }
```

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

```
.border{ border-color:rgb(255, 136, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5895, 0.4438, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 134) }
```

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

```
.background{ background-color: rgb(255,  
136, 134) }
```

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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