

Converting Colors

Yxy(68.9936, 0.5103, 0.3401)

Have a look what the booklet for
Yxy(68.9936, 0.5103, 0.3401)
contains.

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Color

Yxy(44.7939, 0.4360, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	FF9686
RGB	255, 150, 134
RGB Percent	100%, 59%, 53%
CMY	0.0001, 0.4117, 0.4745
CMYK	0.00, 0.41, 0.47, 0.00
HSL	8°, 100%, 76%
HSV	8°, 47%, 100%
XYZ	56.4455, 44.7939, 28.2227
YIQ	179.5710, 67.7160, 17.2840

Conversions

Conversions Part 2

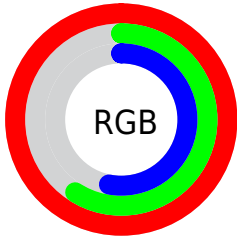
Format	Color
R _Y B	255, 152, 134
Decimal	16750214
CIE Lab	72.76, 37.71, 25.51
CIE LCh	73, 45.524, 34.078
Yxy	44.7939, 0.4360, 0.3460
Android (android.graphics.Color)	4294940294 (0xFFFF9686)
YUV	179.5710, -22.4665, 66.1512
Hunter-Lab	66.9282, 33.4177, 21.8480

Details

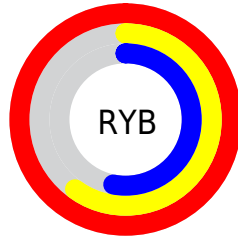
The Yxy color **44.7939, 0.4360, 0.3460** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.9998, 0.2462, 0.3102**, and the grayscale version is **45.4970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5105, 0.3657, 0.3478**, and **20.7916, 0.4724, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **37.7613, 0.4770, 0.3486**, and if you desaturate by 10%, it is **53.3353, 0.4003, 0.3426**.

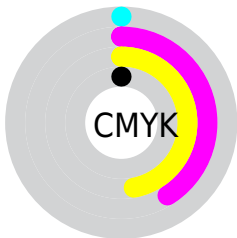
Distribution



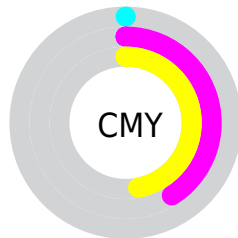
- Red (100%)
- Green (59%)
- Blue (53%)



- Red (100%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7939, 0.4360, 0.3460 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 44.7939, 0.4360, 0.3460 by changing the saturation by 10% instead.

 44.7939, 0.4360,
0.3460


 44.7939, 0.4360,
0.3460


365.9382, 0.3735,
0.3405

 31.2951, 0.4516,
0.3464


 82.4111, 0.4132,
0.3447

 20.8237, 0.4714,
0.3463


 107.2982, 0.4047,
0.3440

 12.9952, 0.4975,
0.3451


 136.7503, 0.3975,
0.3433

 7.4252, 0.5327,
0.3416

171.1517, 0.3913,
0.3427

 3.7294, 0.5820,
0.3325

210.8868, 0.3859,
0.3421

 1.5234, 0.6783,
0.3217

256.3400, 0.3812,

 0.3051, 0.8059,

0.3415

0.1941

307.8956, 0.3771,
0.3410

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.7939, 0.4360,
0.3460

44.7939, 0.4360,
0.3460

37.7613, 0.4770,
0.3486

53.3353, 0.4003,
0.3426

32.1429, 0.5213,
0.3496

63.4593, 0.3702,
0.3388

27.8441, 0.5648,
0.3485

75.2429, 0.3455,
0.3351

24.7557, 0.6014,
0.3447

88.7562, 0.3253,
0.3315

■ 22.7495, 0.6259,
0.3389

99.9975, 0.3127,
0.3290

■ 22.3881, 0.6304,
0.3376

Harmonies

Analogous

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



44.7939, 0.3970, 0.2983



44.7939, 0.4360, 0.3460



44.7939, 0.4366, 0.3946

Triad

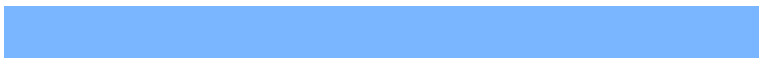
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.7939, 0.4360, 0.3460



44.7939, 0.2827, 0.4178



44.7939, 0.2241, 0.2299

Complementary

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



44.7939, 0.4360, 0.3460



73.9998, 0.2462, 0.3102

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.



44.7939, 0.2011, 0.2483



44.7939, 0.4360, 0.3460



44.7939, 0.2315, 0.3559

Square

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



44.7939, 0.4360, 0.3460



44.7939, 0.3452, 0.4467



44.7939, 0.2033, 0.2919



44.7939, 0.2707, 0.2346

Rectangle

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



44.7939, 0.4360, 0.3460



44.7939, 0.4167, 0.4227



44.7939, 0.2033, 0.2919



44.7939, 0.2137, 0.2333

Sweetspot

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



44.7962, 0.4360, 0.3460



79.7162, 0.3381, 0.3338



44.6492, 0.3305, 0.2249



16.4598, 0.3426, 0.3346



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.



44.7962, 0.4360, 0.3460



38.0514, 0.4751, 0.3485



68.3865, 0.4043, 0.4052



18.3746, 0.3291, 0.3322



11.8180, 0.6285, 0.3391



1.2649, 0.6111, 0.3530

Inverse Universe

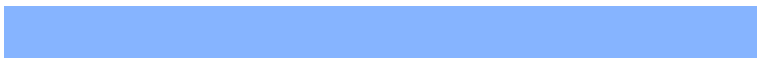
The Inverse Universe completely reimagines the original color for something new.



73.9998, 0.2462, 0.3102



70.3616, 0.2363, 0.3059



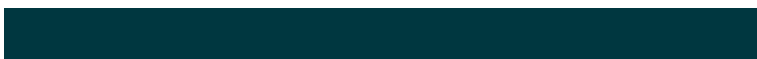
45.0810, 0.2326, 0.2369



20.0469, 0.2980, 0.3258



31.0180, 0.2129, 0.2865



3.1291, 0.2144, 0.2918

Previews

White Background



This preview shows how the Yxy color 44.7939, 0.4360, 0.3460 looks on a white background.

Color Contrast Check

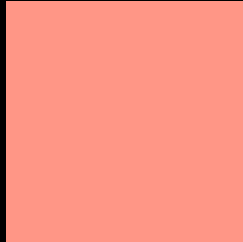
Large Text (above 18pt) WCAG AA × Fail

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 44.7939, 0.4360, 0.3460 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 44.7939, 0.4360, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 44.7939, 0.4360, 0.3460.



This preview shows how white text looks on a background with the Yxy color 44.7939, 0.4360, 0.3460.

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

44.7939, 0.4360, 0.3460

Protanopia

45.1656, 0.3484, 0.3713

Deuteranopia

44.7346, 0.3882, 0.3797



Tritanopia

44.9084, 0.4117, 0.3188

Trichromacy



Original Color

44.7939, 0.4360, 0.3460

Protanomaly

44.1044, 0.3794, 0.3612

Deuteranomaly

44.3271, 0.4067, 0.3665

Tritanomaly

44.9248, 0.4209, 0.3293

Monochromacy



Original Color

44.7939, 0.4360, 0.3460

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.2857, 0.3537, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7939, 0.4360, 0.3460 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, 150, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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, 150, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 134) }
```

Border

The CSS property to change the border of an element to Yxy 44.7939, 0.4360, 0.3460 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, 150, 134) }
```

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

```
.border{ border-color:rgb(255, 150, 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, 150, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 150, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 150, 134); box-shadow:4px 4px 4px 4px rgb(255, 150, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7939, 0.4360, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 134) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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