

Converting Colors

$Y_{xy}(43.6398, 0.4178, 0.3397)$

Have a look what the booklet for
Yxy(43.6398, 0.4178, 0.3397)
contains.

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Color

Yxy(43.4987, 0.4179, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	F5978E
RGB	245, 151, 142
RGB Percent	96%, 59%, 56%
CMY	0.0392, 0.4078, 0.4430
CMYK	0.00, 0.38, 0.42, 0.04
HSL	5°, 84%, 76%
HSV	5°, 42%, 96%
XYZ	53.6069, 43.4987, 31.1713
YIQ	178.0800, 58.9130, 17.1290

Conversions

Conversions Part 2

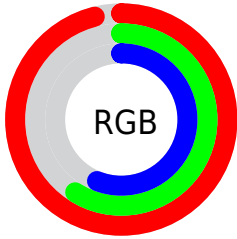
Format	Color
R _Y B	245, 152, 142
Decimal	16095118
CIE Lab	71.89, 34.26, 19.72
CIE LCh	72, 39.535, 29.928
Yxy	43.4987, 0.4179, 0.3391
Android (android.graphics.Color)	4294285198 (0xFFFF5978E)
YUV	178.0800, -17.7874, 58.6888
Hunter-Lab	65.9535, 29.6658, 18.1455

Details

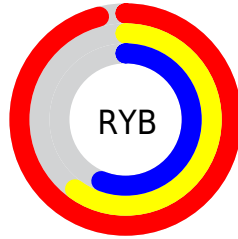
The Yxy color **43.4987, 0.4179, 0.3391** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.3490, 0.2536, 0.3183**, and the grayscale version is **44.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3881, 0.3585, 0.3394**, and **20.1355, 0.4486, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **36.3152, 0.4575, 0.3411**, and if you desaturate by 10%, it is **52.2135, 0.3843, 0.3367**.

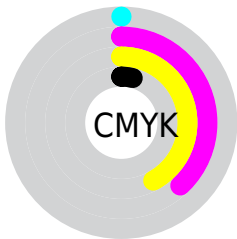
Distribution



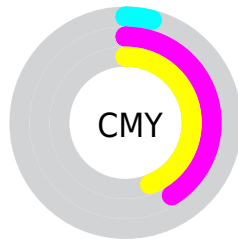
- Red (96%)
- Green (59%)
- Blue (56%)



- Red (96%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4987, 0.4179, 0.3391 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 43.4987, 0.4179, 0.3391 by changing the saturation by 10% instead.


 43.4987, 0.4179,
0.3391


 43.4987, 0.4179,
0.3391


360.6587, 0.3642,
0.3361


 30.2766, 0.4315,
0.3392


 80.4629, 0.3982,
0.3385

 20.0486, 0.4490,
0.3389


 104.9737, 0.3909,
0.3381

 12.4304, 0.4723,
0.3378


 134.0163, 0.3847,
0.3377

 7.0375, 0.5044,
0.3348

167.9750, 0.3794,
0.3374

 3.4856, 0.5512,
0.3275

207.2342, 0.3748,
0.3370

 1.3902, 0.6599,
0.3272

252.1783, 0.3708,

 0.2095, 0.8338,

0.3367

0.1662

303.1916, 0.3673,
0.3364

■ 0.0000, 0.0000,
0.0000

■ 43.4987, 0.4179,
0.3391

■ 43.4987, 0.4179,
0.3391

■ 36.3152, 0.4575,
0.3411

■ 52.2135, 0.3843,
0.3367

■ 30.5685, 0.5019,
0.3424

■ 62.5342, 0.3567,
0.3342

■ 26.1635, 0.5479,
0.3423

■ 74.5382, 0.3342,
0.3317

■ 22.9910, 0.5896,
0.3405

■ 88.2962, 0.3160,
0.3294

■ 20.9246, 0.6203,
0.3370

■ 98.1526, 0.3066,
0.3290

■ 19.9624, 0.6349,
0.3341

Harmonies

Analogous

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



43.4987, 0.3799, 0.2967



43.4987, 0.4179, 0.3391



43.4987, 0.4239, 0.3827

Triad

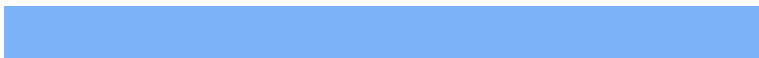
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.4987, 0.4179, 0.3391



43.4987, 0.2944, 0.4114



43.4987, 0.2299, 0.2420

Complementary

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



43.4987, 0.4179, 0.3391



72.3490, 0.2536, 0.3183

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.



43.4987, 0.2121, 0.2622



43.4987, 0.4179, 0.3391



43.4987, 0.2465, 0.3609

Square

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



43.4987, 0.4179, 0.3391



43.4987, 0.3498, 0.4321



43.4987, 0.2176, 0.3042



43.4987, 0.2690, 0.2431

Rectangle

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



43.4987, 0.4179, 0.3391



43.4987, 0.4095, 0.4081



43.4987, 0.2176, 0.3042



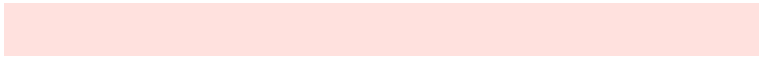
43.4987, 0.2215, 0.2462

Sweetspot

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



43.5009, 0.4179, 0.3391



80.2361, 0.3362, 0.3320



44.8466, 0.3250, 0.2331



16.5256, 0.3409, 0.3325



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.



43.5009, 0.4179, 0.3391



41.1600, 0.4494, 0.3408



63.6516, 0.3934, 0.3932



16.7147, 0.3292, 0.3311



10.8354, 0.6335, 0.3352



1.0302, 0.6189, 0.3468

Inverse Universe

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



72.3490, 0.2536, 0.3183



76.4013, 0.2448, 0.3159



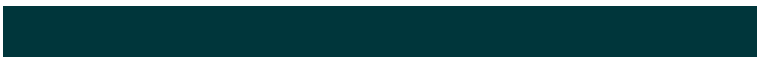
47.0149, 0.2430, 0.2540



18.4961, 0.2981, 0.3269



32.2705, 0.2171, 0.3014



2.9075, 0.2181, 0.3052

Previews

White Background



This preview shows how the Yxy color 43.4987, 0.4179, 0.3391 looks on a white background.

Color Contrast Check

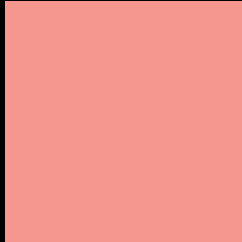
Large Text (above 18pt) WCAG AA × Fail

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 43.4987, 0.4179, 0.3391 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 43.4987, 0.4179, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 43.4987, 0.4179, 0.3391.

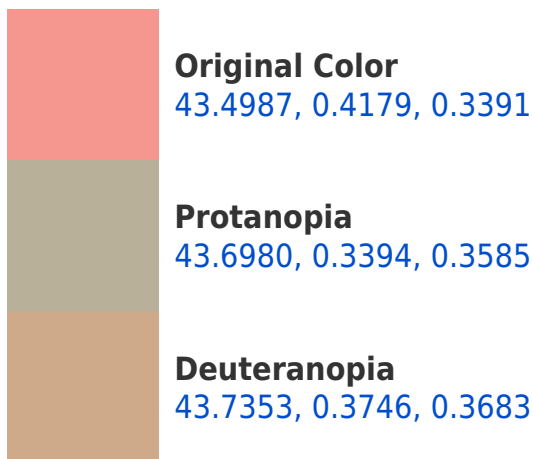


This preview shows how white text looks on a background with the Yxy color 43.4987, 0.4179, 0.3391.

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

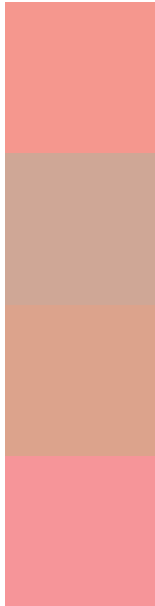




Tritanopia

43.2758, 0.4022, 0.3173

Trichromacy



Original Color

43.4987, 0.4179, 0.3391

Protanomaly

43.1048, 0.3664, 0.3506

Deuteranomaly

43.3035, 0.3902, 0.3569

Tritanomaly

43.3876, 0.4082, 0.3249

Monochromacy



Original Color

43.4987, 0.4179, 0.3391

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.2784, 0.3473, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4987, 0.4179, 0.3391 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(245, 151, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 151, 142)  
}
```

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(245, 151, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 151, 142) }
```

Border

The CSS property to change the border of an element to Yxy 43.4987, 0.4179, 0.3391 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(245, 151, 142) }
```

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

```
.border{ border-color:rgb(245, 151, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 151, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 151, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 151, 142);  
box-shadow:4px 4px 4px 4px rgb(245, 151,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4987, 0.4179, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 151, 142) }
```

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

```
.background{ background-color: rgb(245,  
151, 142) }
```

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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