

Converting Colors

Yxy(39.6263, 0.4410, 0.3339)

Have a look what the booklet for
Yxy(39.6263, 0.4410, 0.3339)
contains.

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Color

Yxy(39.5983, 0.4414, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	FA8884
RGB	250, 136, 132
RGB Percent	98%, 53%, 52%
CMY	0.0196, 0.4666, 0.4824
CMYK	0.00, 0.46, 0.47, 0.02
HSL	2°, 92%, 75%
HSV	2°, 47%, 98%
XYZ	52.3942, 39.5983, 26.7075
YIQ	169.6300, 69.2280, 22.9240

Conversions

Conversions Part 2

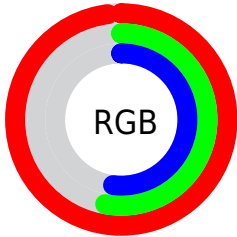
Format	Color
R _Y B	250, 136, 132
Decimal	16418948
CIE Lab	69.18, 42.80, 21.67
CIE LCh	69, 47.977, 26.853
Yxy	39.5983, 0.4414, 0.3336
Android (android.graphics.Color)	4294609028 (0xFFFA8884)
YUV	169.6300, -18.5516, 70.4845
Hunter-Lab	62.9272, 38.4993, 18.8852

Details

The Yxy color **39.5983, 0.4414, 0.3336** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.7123, 0.2491, 0.3242**, and the grayscale version is **40.0738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0244, 0.3711, 0.3354**, and **17.7582, 0.4804, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **32.9426, 0.4857, 0.3343**, and if you desaturate by 10%, it is **47.9543, 0.4031, 0.3327**.

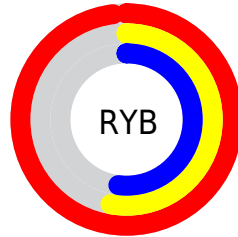
Distribution



Red (98%)

Green (53%)

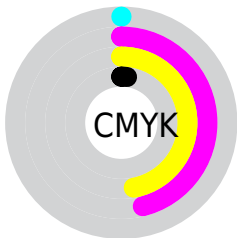
Blue (52%)



Red (98%)

Yellow (53%)

Blue (52%)

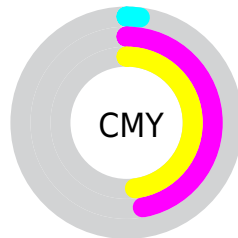


Cyan (0%)

Magenta (46%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (47%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5983, 0.4414, 0.3336 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 39.5983, 0.4414, 0.3336 by changing the saturation by 10% instead.


 39.5983, 0.4414,
0.3336


 39.5983, 0.4414,
0.3336

344.4275, 0.3748,
0.3342

 27.2255, 0.4585,
0.3324


 74.5514, 0.4168,
0.3345

 17.7426, 0.4805,
0.3304


 97.9005, 0.4077,
0.3347

 10.7654, 0.5098,
0.3265


 125.6772, 0.4000,
0.3347

 5.9093, 0.5503,
0.3190

158.2658, 0.3935,
0.3347

 2.7900, 0.6092,
0.3040

196.0507, 0.3878,
0.3346

 1.0231, 0.7204,
0.2796

239.4164, 0.3829,

 0.0000, 1.0000,

0.3345

0.0000

288.7472, 0.3786,
0.3343

■ 0.0000, 0.0000,
0.0000

■ 39.5983, 0.4414,
0.3336

■ 39.5983, 0.4414,
0.3336

■ 32.9426, 0.4857,
0.3343

■ 47.9543, 0.4031,
0.3327

■ 27.8651, 0.5332,
0.3345

■ 58.1097, 0.3714,
0.3316

■ 24.2371, 0.5786,
0.3341


■ 70.1633, 0.3457,
0.3306

■ 21.9069, 0.6144,
0.3330

■ 84.2048, 0.3250,
0.3296

■ 20.6891, 0.6349,
0.3314

■ 99.0649, 0.3096,
0.3290

 20.5096, 0.6384,
0.3313

Harmonies

Analogous

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



39.5983, 0.3899, 0.2840



39.5983, 0.4414, 0.3336



39.5983, 0.4520, 0.3866

Triad

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



39.5983, 0.4414, 0.3336



39.5983, 0.2951, 0.4396



39.5983, 0.2081, 0.2237

Complementary

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



39.5983, 0.4414, 0.3336



77.7123, 0.2491, 0.3242

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.



39.5983, 0.1898, 0.2494



39.5983, 0.4414, 0.3336



39.5983, 0.2353, 0.3765

Square

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



39.5983, 0.4414, 0.3336



39.5983, 0.3634, 0.4589



39.5983, 0.1985, 0.3030



39.5983, 0.2523, 0.2235

Rectangle

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



39.5983, 0.4414, 0.3336



39.5983, 0.4355, 0.4196



39.5983, 0.1985, 0.3030



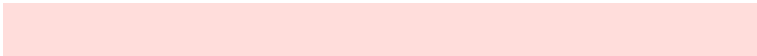
39.5983, 0.1991, 0.2293

Sweetspot

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



39.6003, 0.4414, 0.3336



77.8473, 0.3386, 0.3303



43.4828, 0.3215, 0.2174



16.0119, 0.3433, 0.3305



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.



39.6003, 0.4414, 0.3336



34.5476, 0.4850, 0.3343



60.9900, 0.4087, 0.3951



17.3198, 0.3293, 0.3299



10.9199, 0.6377, 0.3319



1.0437, 0.6318, 0.3365

Inverse Universe

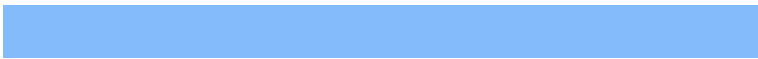
The Inverse Universe completely reimagines the original color for something new.



77.7123, 0.2491, 0.3242



78.9177, 0.2400, 0.3230



47.3747, 0.2355, 0.2504



19.5013, 0.2980, 0.3281



37.2316, 0.2218, 0.3183



3.4791, 0.2221, 0.3197

Previews

White Background



This preview shows how the Yxy color 39.5983, 0.4414, 0.3336 looks on a white background.

Color Contrast Check

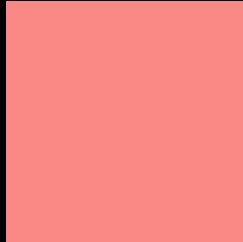
Large Text (above 18pt) WCAG AA × Fail

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 39.5983, 0.4414, 0.3336 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 39.5983, 0.4414, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 39.5983, 0.4414, 0.3336.



This preview shows how white text looks on a background with the Yxy color 39.5983, 0.4414, 0.3336.

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

39.5983, 0.4414, 0.3336

Protanopia

39.8612, 0.3386, 0.3583

Deuteranopia

39.5151, 0.3824, 0.3749



Tritanopia

39.5730, 0.4297, 0.3188

Trichromacy



Original Color

39.5983, 0.4414, 0.3336

Protanomaly

38.9043, 0.3748, 0.3485

Deuteranomaly

39.2729, 0.4041, 0.3585

Tritanomaly

39.7306, 0.4338, 0.3241

Monochromacy



Original Color

39.5983, 0.4414, 0.3336

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.9961, 0.3554, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5983, 0.4414, 0.3336 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(250, 136, 132)` looks like.

```
.text, #text, p{  
    color:rgb(250, 136, 132)  
}
```

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(250, 136, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 136, 132) }
```

Border

The CSS property to change the border of an element to Yxy 39.5983, 0.4414, 0.3336 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(250, 136, 132) }
```

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

```
.border{ border-color:rgb(250, 136, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 136, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 136, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 136, 132);  
box-shadow:4px 4px 4px 4px rgb(250, 136,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5983, 0.4414, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 136, 132) }
```

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

```
.background{ background-color: rgb(250,  
136, 132) }
```

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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