

Converting Colors

Yxy(39.3812, 0.4473, 0.3453)

Have a look what the booklet for
Yxy(39.3812, 0.4473, 0.3453)
contains.

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Color

Yxy(39.3812, 0.4473, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	F78A7B
RGB	247, 138, 123
RGB Percent	97%, 54%, 48%
CMY	0.0315, 0.4587, 0.5176
CMYK	0.00, 0.44, 0.50, 0.03
HSL	7°, 89%, 73%
HSV	7°, 50%, 97%
XYZ	51.0142, 39.3812, 23.6538
YIQ	168.8810, 69.7790, 18.4430

Conversions

Conversions Part 2

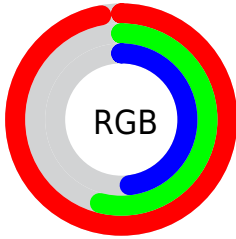
Format	Color
R _Y B	247, 140, 123
Decimal	16222843
CIE Lab	69.03, 39.84, 26.37
CIE LCh	69, 47.779, 33.496
Yxy	39.3812, 0.4473, 0.3453
Android (android.graphics.Color)	4294412923 (0xFFFF78A7B)
YUV	168.8810, -22.6193, 68.5104
Hunter-Lab	62.7544, 35.2856, 21.5801

Details

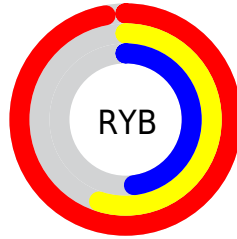
The Yxy color **39.3812, 0.4473, 0.3453** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.6126, 0.2437, 0.3108**, and the grayscale version is **39.7051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5345, 0.3781, 0.3470**, and **17.7148, 0.4880, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **33.2212, 0.4898, 0.3473**, and if you desaturate by 10%, it is **46.9458, 0.4098, 0.3423**.

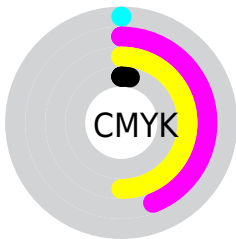
Distribution



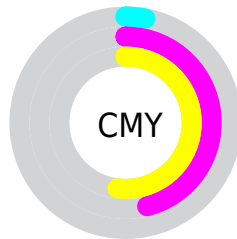
- Red (97%)
- Green (54%)
- Blue (48%)



- Red (97%)
- Yellow (55%)
- Blue (48%)



- Cyan (0%)
- Magenta (44%)
- Yellow (50%)
- Black (3%)



- Cyan (3%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3812, 0.4473, 0.3453 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 39.3812, 0.4473, 0.3453 by changing the saturation by 10% instead.


 39.3812, 0.4473,
0.3453


 39.3812, 0.4473,
0.3453

343.5085, 0.3777,
0.3405

 27.0564, 0.4650,
0.3453


 74.2203, 0.4217,
0.3444

 17.6156, 0.4878,
0.3444


 97.5034, 0.4121,
0.3439

 10.6744, 0.5179,
0.3420


 125.2081, 0.4041,
0.3432

 5.8483, 0.5589,
0.3358

157.7187, 0.3972,
0.3426

 2.7531, 0.6226,
0.3244

195.4196, 0.3913,
0.3421

 1.0042, 0.7094,
0.2906

238.6953, 0.3862,

 0.0000, 1.0000,

0.3415


0.0000

287.9301, 0.3817,
0.3410


 0.0000, 0.0000,
0.0000

 39.3812, 0.4473,
0.3453

 39.3812, 0.4473,
0.3453


 33.2212, 0.4898,
0.3473


 46.9458, 0.4098,
0.3423


 28.3732, 0.5347,
0.3478


 55.9880, 0.3780,
0.3389


 24.7430, 0.5772,
0.3460


 66.5831, 0.3518,
0.3355

 22.2212, 0.6109,
0.3419

 78.7992, 0.3304,
0.3322

 20.6932, 0.6315,
0.3367

 92.7006, 0.3130,
0.3291

 98.5088, 0.3078,
0.3290

Harmonies

Analogous

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



39.3812, 0.4038, 0.2944



39.3812, 0.4473, 0.3453



39.3812, 0.4481, 0.3979

Triad

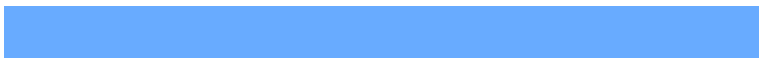
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.3812, 0.4473, 0.3453



39.3812, 0.2806, 0.4283



39.3812, 0.2159, 0.2218

Complementary

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



39.3812, 0.4473, 0.3453



68.6126, 0.2437, 0.3108

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.



39.3812, 0.1918, 0.2415



39.3812, 0.4473, 0.3453



39.3812, 0.2250, 0.3596

Square

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



39.3812, 0.4473, 0.3453



39.3812, 0.3485, 0.4587



39.3812, 0.1944, 0.2889



39.3812, 0.2654, 0.2267

Rectangle

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



39.3812, 0.4473, 0.3453



39.3812, 0.4263, 0.4292



39.3812, 0.1944, 0.2889



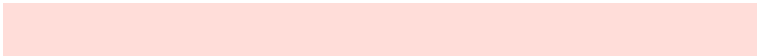
39.3812, 0.2050, 0.2255

Sweetspot

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



39.3832, 0.4473, 0.3453



78.1724, 0.3402, 0.3337



39.7920, 0.3317, 0.2197



16.1456, 0.3448, 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.



39.3832, 0.4473, 0.3453



35.7811, 0.4894, 0.3473



62.2542, 0.4104, 0.4091



16.8058, 0.3291, 0.3319



11.0530, 0.6298, 0.3382



1.0734, 0.6113, 0.3528

Inverse Universe

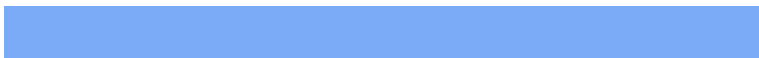
The Inverse Universe completely reimagines the original color for something new.



68.6126, 0.2437, 0.3108



70.3043, 0.2340, 0.3066



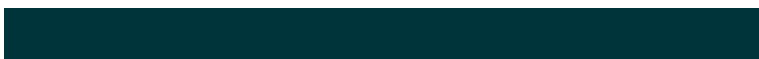
39.8727, 0.2280, 0.2306



18.3950, 0.2981, 0.3261



29.9595, 0.2140, 0.2903



2.7277, 0.2155, 0.2956

Previews

White Background



This preview shows how the Yxy color 39.3812, 0.4473, 0.3453 looks on a white background.

Color Contrast Check

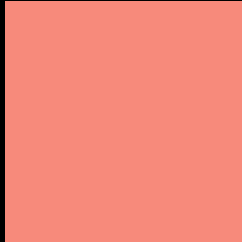
Large Text (above 18pt) WCAG AA × Fail

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 39.3812, 0.4473, 0.3453 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 39.3812, 0.4473, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 39.3812, 0.4473, 0.3453.



This preview shows how white text looks on a background with the Yxy color 39.3812, 0.4473, 0.3453.

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

39.3812, 0.4473, 0.3453

Protanopia

39.7658, 0.3504, 0.3736

Deuteranopia

39.5901, 0.3920, 0.3848



Tritanopia

39.5120, 0.4262, 0.3187

Trichromacy



Original Color

39.3812, 0.4473, 0.3453

Protanomaly

38.9570, 0.3844, 0.3626

Deuteranomaly

39.0440, 0.4132, 0.3692

Tritanomaly

39.3709, 0.4339, 0.3283

Monochromacy



Original Color

39.3812, 0.4473, 0.3453

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.5910, 0.3574, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3812, 0.4473, 0.3453 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(247, 138, 123)` looks like.

```
.text, #text, p{  
    color:rgb(247, 138, 123)  
}
```

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(247, 138, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 138, 123) }
```

Border

The CSS property to change the border of an element to Yxy 39.3812, 0.4473, 0.3453 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(247, 138, 123) }
```

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

```
.border{ border-color:rgb(247, 138, 123) }
```

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

Here you see how a box with a 4 pixel rgb(247, 138, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 138, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 138, 123);  
box-shadow:4px 4px 4px 4px rgb(247, 138,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3812, 0.4473, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 138, 123) }
```

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

```
.background{ background-color: rgb(247,  
138, 123) }
```

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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