

Converting Colors

$Y_{xy}(39.3000, 0.4424, 0.3424)$

Have a look what the booklet for
Yxy(39.3000, 0.4424, 0.3424)
contains.

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Color

Yxy(39.2761, 0.4431, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	F68A7E
RGB	246, 138, 126
RGB Percent	96%, 54%, 49%
CMY	0.0354, 0.4588, 0.5058
CMYK	0.00, 0.44, 0.49, 0.04
HSL	6°, 87%, 73%
HSV	6°, 49%, 96%
XYZ	50.8569, 39.2761, 24.6423
YIQ	168.9240, 68.2200, 19.1640

Conversions

Conversions Part 2

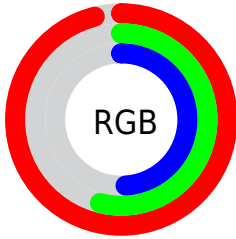
Format	Color
R _Y B	246, 139, 126
Decimal	16157310
CIE Lab	68.95, 39.75, 24.59
CIE LCh	69, 46.741, 31.735
Yxy	39.2761, 0.4431, 0.3422
Android (android.graphics.Color)	4294347390 (0xFFFF68A7E)
YUV	168.9240, -21.1615, 67.5957
Hunter-Lab	62.6706, 35.1783, 20.5565

Details

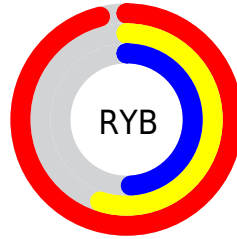
The Yxy color **39.2761, 0.4431, 0.3422** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.9229, 0.2458, 0.3144**, and the grayscale version is **39.7201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6546, 0.3756, 0.3438**, and **17.6305, 0.4823, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **33.0006, 0.4858, 0.3440**, and if you desaturate by 10%, it is **47.0063, 0.4058, 0.3397**.

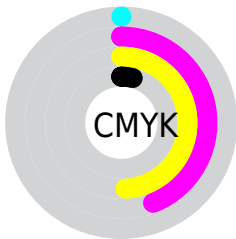
Distribution



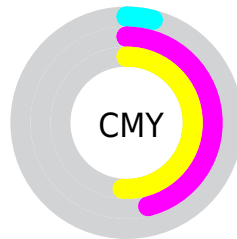
- Red (96%)
- Green (54%)
- Blue (49%)



- Red (96%)
- Yellow (55%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (49%)
- Black (4%)





- Cyan (4%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2761, 0.4431, 0.3422 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 39.2761, 0.4431, 0.3422 by changing the saturation by 10% instead.


 39.2761, 0.4431,
0.3422


 39.2761, 0.4431,
0.3422


343.0629, 0.3756,
0.3387


 26.9746, 0.4604,
0.3420


 74.0599, 0.4182,
0.3417

 17.5541, 0.4826,
0.3409


 97.3110, 0.4089,
0.3413

 10.6304, 0.5121,
0.3383


 124.9807, 0.4011,
0.3409

 5.8189, 0.5527,
0.3322

157.4535, 0.3945,
0.3404

 2.7353, 0.6139,
0.3199

195.1137, 0.3888,
0.3399

 0.9951, 0.7095,
0.2905

238.3458, 0.3838,

 0.0000, 1.0000,

0.3395

0.0000

287.5340, 0.3794,
0.3391

■ 0.0000, 0.0000,
0.0000

■ 39.2761, 0.4431,
0.3422

■ 39.2761, 0.4431,
0.3422

■ 33.0006, 0.4858,
0.3440

■ 47.0063, 0.4058,
0.3397

■ 28.0828, 0.5313,
0.3445

■ 56.2679, 0.3744,
0.3368

■ 24.4237, 0.5749,
0.3432


■ 67.1398, 0.3487,
0.3340


■ 21.9080, 0.6100,
0.3399

■ 79.6934, 0.3278,
0.3312

■ 20.3958, 0.6317,
0.3354

■ 93.9960, 0.3108,
0.3287

 20.2690, 0.6337,
0.3350

 98.3300, 0.3072,
0.3290

Harmonies

Analogous

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



39.2761, 0.3984, 0.2924



39.2761, 0.4431, 0.3422



39.2761, 0.4466, 0.3940

Triad

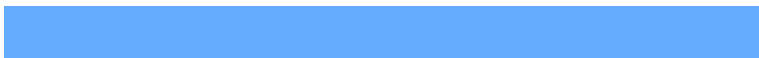
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2761, 0.4431, 0.3422



39.2761, 0.2852, 0.4291



39.2761, 0.2156, 0.2242

Complementary

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



39.2761, 0.4431, 0.3422



69.9229, 0.2458, 0.3144

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.



39.2761, 0.1933, 0.2452



39.2761, 0.4431, 0.3422



39.2761, 0.2293, 0.3634

Square

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



39.2761, 0.4431, 0.3422



39.2761, 0.3519, 0.4561



39.2761, 0.1976, 0.2935



39.2761, 0.2629, 0.2276

Rectangle

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



39.2761, 0.4431, 0.3422



39.2761, 0.4267, 0.4251



39.2761, 0.1976, 0.2935



39.2761, 0.2053, 0.2283

Sweetspot

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



39.2781, 0.4431, 0.3422



77.7469, 0.3403, 0.3329



40.4541, 0.3292, 0.2208



16.0446, 0.3450, 0.3335



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.



39.2781, 0.4431, 0.3422



35.6089, 0.4873, 0.3440



61.4824, 0.4082, 0.4051



16.7492, 0.3291, 0.3314



10.9111, 0.6322, 0.3363



1.0466, 0.6160, 0.3491

Inverse Universe

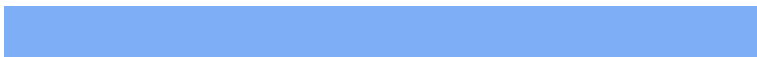
The Inverse Universe completely reimagines the original color for something new.



69.9229, 0.2458, 0.3144



72.4837, 0.2358, 0.3109



41.3613, 0.2310, 0.2367



18.4577, 0.2981, 0.3266



31.3808, 0.2159, 0.2973



2.8384, 0.2171, 0.3016

Previews

White Background



This preview shows how the Yxy color 39.2761, 0.4431, 0.3422 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 39.2761, 0.4431, 0.3422 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 39.2761, 0.4431, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 39.2761, 0.4431, 0.3422.



This preview shows how white text looks on a background with the Yxy color 39.2761, 0.4431, 0.3422.

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

39.2761, 0.4431, 0.3422

Protanopia

39.3637, 0.3470, 0.3682

Deuteranopia

39.5252, 0.3882, 0.3812



Tritanopia

39.1464, 0.4243, 0.3186

Trichromacy



Original Color

39.2761, 0.4431, 0.3422

Protanomaly

38.5597, 0.3808, 0.3576

Deuteranomaly

38.9642, 0.4092, 0.3658

Tritanomaly

39.2175, 0.4318, 0.3272

Monochromacy



Original Color

39.2761, 0.4431, 0.3422

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.6239, 0.3564, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2761, 0.4431, 0.3422 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(246, 138, 126)` looks like.

```
.text, #text, p{  
    color:rgb(246, 138, 126)  
}
```

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(246, 138, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 138, 126) }
```

Border

The CSS property to change the border of an element to Yxy 39.2761, 0.4431, 0.3422 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(246, 138, 126) }
```

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

```
.border{ border-color:rgb(246, 138, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 138, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 138, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 138, 126);  
box-shadow:4px 4px 4px 4px rgb(246, 138,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2761, 0.4431, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 138, 126) }
```

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

```
.background{ background-color: rgb(246,  
138, 126) }
```

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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