

Converting Colors

$Y_{xy}(39.9245, 0.4521, 0.3363)$

Have a look what the booklet for
Yxy(39.9245, 0.4521, 0.3363)
contains.

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Color

Yxy(39.8425, 0.4527, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	FF867F
RGB	255, 134, 127
RGB Percent	100%, 53%, 50%
CMY	0.0001, 0.4744, 0.5020
CMYK	0.00, 0.47, 0.50, 0.00
HSL	3°, 100%, 75%
HSV	3°, 50%, 100%
XYZ	53.5850, 39.8425, 24.9400
YIQ	169.3810, 74.3630, 23.4750

Conversions

Conversions Part 2

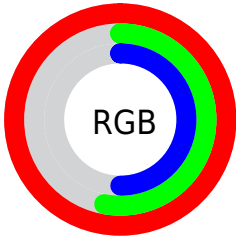
Format	Color
R_{YB}	255, 134, 127
Decimal	16746111
CIE _{Lab}	69.36, 45.13, 24.80
CIE _{LCh}	69, 51.497, 28.786
Yxy	39.8425, 0.4527, 0.3366
Android (android.graphics.Color)	4294936191 (0xFFFF867F)
YUV	169.3810, -20.8938, 75.0879
Hunter-Lab	63.1209, 41.0716, 20.7583

Details

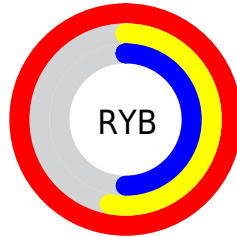
The Yxy color **39.8425, 0.4527, 0.3366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.8112, 0.2455, 0.3207**, and the grayscale version is **39.9558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9505, 0.3760, 0.3386**, and **17.9043, 0.4944, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **33.3415, 0.4977, 0.3375**, and if you desaturate by 10%, it is **48.0327, 0.4130, 0.3352**.

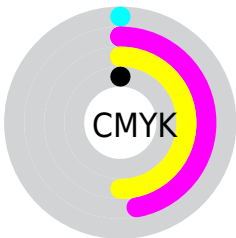
Distribution



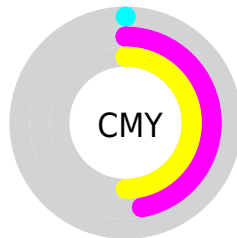
- Red (100%)
- Green (53%)
- Blue (50%)



- Red (100%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (47%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8425, 0.4527, 0.3366 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 39.8425, 0.4527, 0.3366 by changing the saturation by 10% instead.


 39.8425, 0.4527,
0.3366


 39.8425, 0.4527,
0.3366


345.4593, 0.3804,
0.3363

 27.4158, 0.4711,
0.3354


 74.9236, 0.4261,
0.3374

 17.8857, 0.4946,
0.3332


 98.3468, 0.4162,
0.3374

 10.8680, 0.5258,
0.3290


 126.2042, 0.4079,
0.3373

 5.9781, 0.5682,
0.3206

158.8803, 0.4007,
0.3372

 2.8318, 0.6307,
0.3047

196.7595, 0.3946,
0.3370

 1.0446, 0.7283,
0.2717

240.2261, 0.3893,


 0.0000, 1.0000,

0.3368


0.0000


289.6646, 0.3846,
0.3365


 0.0000, 0.0000,
0.0000


 39.8425, 0.4527,
0.3366


 39.8425, 0.4527,
0.3366


 33.3415, 0.4977,
0.3375


 48.0327, 0.4130,
0.3352


 28.4063, 0.5448,
0.3375


 58.0120, 0.3798,
0.3337

 24.9065, 0.5880,
0.3365

 69.8800, 0.3526,
0.3320

 22.6880, 0.6202,
0.3344

 83.7268, 0.3307,
0.3305

 21.5680, 0.6373,
0.3322

99.6372, 0.3130,
0.3290

99.9929, 0.3127,
0.3290

Harmonies

Analogous

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



39.8425, 0.3998, 0.2840



39.8425, 0.4527, 0.3366



39.8425, 0.4604, 0.3926

Triad

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



39.8425, 0.4527, 0.3366



39.8425, 0.2887, 0.4453



39.8425, 0.2039, 0.2164

Complementary

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



39.8425, 0.4527, 0.3366



78.8112, 0.2455, 0.3207

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.



39.8425, 0.1829, 0.2412



39.8425, 0.4527, 0.3366



39.8425, 0.2265, 0.3746

Square

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



39.8425, 0.4527, 0.3366



39.8425, 0.3613, 0.4686



39.8425, 0.1899, 0.2959



39.8425, 0.2521, 0.2181

Rectangle

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



39.8425, 0.4527, 0.3366



39.8425, 0.4405, 0.4276



39.8425, 0.1899, 0.2959



39.8425, 0.1938, 0.2215

Sweetspot

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



39.8446, 0.4527, 0.3366



76.8449, 0.3406, 0.3312



43.2406, 0.3240, 0.2128



15.8309, 0.3453, 0.3315



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.



39.8446, 0.4527, 0.3366



33.4632, 0.4968, 0.3375



62.8872, 0.4153, 0.4011



18.1474, 0.3293, 0.3304



11.3375, 0.6363, 0.3330



1.1578, 0.6274, 0.3400

Inverse Universe

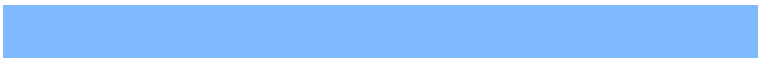
The Inverse Universe completely reimagines the original color for something new.



78.8112, 0.2455, 0.3207



76.3064, 0.2368, 0.3189



46.2494, 0.2301, 0.2415



20.2999, 0.2980, 0.3276



36.7059, 0.2199, 0.3117



3.6242, 0.2205, 0.3138

Previews

White Background



This preview shows how the Yxy color 39.8425, 0.4527, 0.3366 looks on a white background.

Color Contrast Check

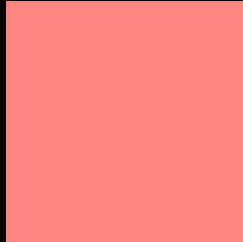
Large Text (above 18pt) WCAG AA × Fail

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 39.8425, 0.4527, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

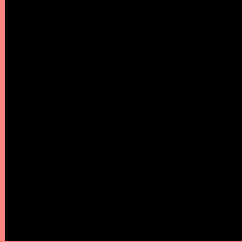
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.8425, 0.4527, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 39.8425, 0.4527, 0.3366.



This preview shows how white text looks on a background with the Yxy color 39.8425, 0.4527, 0.3366.

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

39.8425, 0.4527, 0.3366

Protanopia

39.9428, 0.3450, 0.3652

Deuteranopia

40.1561, 0.3897, 0.3820



Tritanopia

39.9881, 0.4363, 0.3201

Trichromacy



Original Color

39.8425, 0.4527, 0.3366

Protanomaly

38.8485, 0.3833, 0.3534

Deuteranomaly

39.2839, 0.4127, 0.3628

Tritanomaly

39.8412, 0.4420, 0.3253

Monochromacy



Original Color

39.8425, 0.4527, 0.3366

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.3894, 0.3590, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8425, 0.4527, 0.3366 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, 134, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 127)  
}
```

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, 134, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 127) }
```

Border

The CSS property to change the border of an element to Yxy 39.8425, 0.4527, 0.3366 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, 134, 127) }
```

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

```
.border{ border-color:rgb(255, 134, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8425, 0.4527, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 127) }
```

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

```
.background{ background-color: rgb(255,  
134, 127) }
```

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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