

Converting Colors

$Y_{xy}(40.0783, 0.4480, 0.3329)$

Have a look what the booklet for
Yxy(40.0783, 0.4480, 0.3329)
contains.

Yxy(39.9489, 0.4483, 0.3325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.9489, 0.4483, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	FF8683
RGB	255, 134, 131
RGB Percent	100%, 53%, 51%
CMY	0.0000, 0.4745, 0.4864
CMYK	0.00, 0.47, 0.49, 0.00
HSL	1°, 100%, 76%
HSV	1°, 49%, 100%
XYZ	53.8619, 39.9489, 26.3362
YIQ	169.8370, 73.0790, 24.7190

Conversions

Conversions Part 2

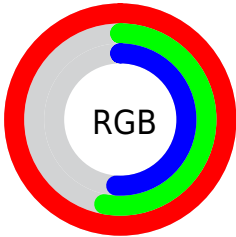
Format	Color
R_{YB}	255, 134, 131
Decimal	16746115
CIE Lab	69.43, 45.52, 22.69
CIE LCh	69, 50.857, 26.492
Yxy	39.9489, 0.4483, 0.3325
Android (android.graphics.Color)	4294936195 (0xFFFF8683)
YUV	169.8370, -19.1466, 74.6880
Hunter-Lab	63.2051, 41.5045, 19.5387

Details

The Yxy color **39.9489, 0.4483, 0.3325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.6457, 0.2479, 0.3254**, and the grayscale version is **40.1827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1159, 0.3726, 0.3344**, and **17.9634, 0.4882, 0.3283** is the 20% darker color. If you saturate the color by 10%, you get **33.2547, 0.4936, 0.3330**, and if you desaturate by 10%, it is **48.4328, 0.4087, 0.3318**.

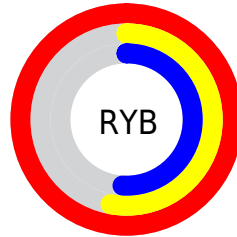
Distribution



Red (100%)

Green (53%)

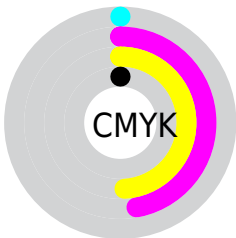
Blue (51%)



Red (100%)

Yellow (53%)

Blue (51%)

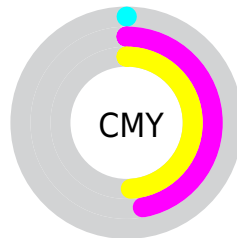


Cyan (0%)

Magenta (47%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9489, 0.4483, 0.3325 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 39.9489, 0.4483, 0.3325 by changing the saturation by 10% instead.


 39.9489, 0.4483,
0.3325


 39.9489, 0.4483,
0.3325


345.9081, 0.3783,
0.3340

 27.4987, 0.4661,
0.3310

 75.0857, 0.4225,
0.3338

 17.9481, 0.4891,
0.3285


 98.5411, 0.4129,
0.3341

 10.9127, 0.5196,
0.3240


 126.4337, 0.4048,
0.3342

 6.0082, 0.5613,
0.3155

159.1478, 0.3979,
0.3342

 2.8501, 0.6216,
0.2990

197.0679, 0.3920,
0.3342

 1.0540, 0.7293,
0.2707

240.5784, 0.3868,


 0.0000, 1.0000,


0.3341

0.0000


290.0637, 0.3823,
0.3341


 0.0000, 0.0000,
0.0000


 39.9489, 0.4483,
0.3325


 39.9489, 0.4483,
0.3325


 33.2547, 0.4936,
0.3330


 48.4328, 0.4087,
0.3318


 28.2187, 0.5416,
0.3331

 58.8181, 0.3758,
0.3311

 24.6975, 0.5861,
0.3328

 71.2118, 0.3491,
0.3303

 22.5213, 0.6196,
0.3319

 85.7117, 0.3277,
0.3296

 21.4765, 0.6373,
0.3309

100.0000, 0.3127,
0.3290

■ 21.3952, 0.6389,
0.3309

Harmonies

Analogous

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



39.9489, 0.3934, 0.2809



39.9489, 0.4483, 0.3325



39.9489, 0.4596, 0.3879

Triad

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



39.9489, 0.4483, 0.3325



39.9489, 0.2945, 0.4473



39.9489, 0.2026, 0.2186

Complementary

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



39.9489, 0.4483, 0.3325



81.6457, 0.2479, 0.3254

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.



39.9489, 0.1839, 0.2454



39.9489, 0.4483, 0.3325



39.9489, 0.2316, 0.3802

Square

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



39.9489, 0.4483, 0.3325



39.9489, 0.3662, 0.4663



39.9489, 0.1931, 0.3018



39.9489, 0.2483, 0.2184

Rectangle

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



39.9489, 0.4483, 0.3325



39.9489, 0.4421, 0.4229



39.9489, 0.1931, 0.3018



39.9489, 0.1933, 0.2244

Sweetspot

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



39.9501, 0.4483, 0.3325



76.2360, 0.3408, 0.3300



44.5740, 0.3200, 0.2127



15.6869, 0.3455, 0.3302



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.



39.9501, 0.4483, 0.3325



33.6299, 0.4906, 0.3330



61.9532, 0.4136, 0.3951



18.0581, 0.3294, 0.3296



11.2102, 0.6384, 0.3313



1.1154, 0.6343, 0.3345

Inverse Universe

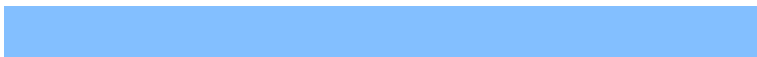
The Inverse Universe completely reimagines the original color for something new.



81.6457, 0.2479, 0.3254



79.5885, 0.2396, 0.3246



49.2708, 0.2336, 0.2501



20.4008, 0.2980, 0.3284



39.1346, 0.2226, 0.3213



3.8336, 0.2228, 0.3222

Previews

White Background



This preview shows how the Yxy color 39.9489, 0.4483, 0.3325 looks on a white background.

Color Contrast Check

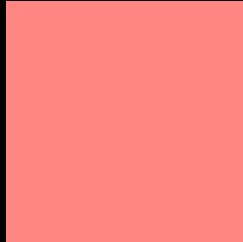
Large Text (above 18pt) WCAG AA × Fail

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 39.9489, 0.4483, 0.3325 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 39.9489, 0.4483, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 39.9489, 0.4483, 0.3325.



This preview shows how white text looks on a background with the Yxy color 39.9489, 0.4483, 0.3325.

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

39.9489, 0.4483, 0.3325

Protanopia

40.3525, 0.3393, 0.3595

Deuteranopia

40.1183, 0.3849, 0.3771



Tritanopia

39.9881, 0.4363, 0.3201

Trichromacy



Original Color

39.9489, 0.4483, 0.3325

Protanomaly

39.1887, 0.3768, 0.3483

Deuteranomaly

39.3871, 0.4086, 0.3581

Tritanomaly

39.8700, 0.4409, 0.3242

Monochromacy



Original Color

39.9489, 0.4483, 0.3325

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.9317, 0.3577, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9489, 0.4483, 0.3325 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 131) }
```

Border

The CSS property to change the border of an element to Yxy 39.9489, 0.4483, 0.3325 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, 131) }
```

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

```
.border{ border-color:rgb(255, 134, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 134, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 134, 131); box-shadow:4px 4px 4px 4px rgb(255, 134, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9489, 0.4483, 0.3325 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, 131) }
```

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

```
.background{ background-color: rgb(255,  
134, 131) }
```

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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