

Converting Colors

Yxy(39.9596, 0.4200, 0.3179)

Have a look what the booklet for
Yxy(39.9596, 0.4200, 0.3179)
contains.

Yxy(39.8036, 0.4199, 0.3175)	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(39.8036, 0.4199, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	F78994
RGB	247, 137, 148
RGB Percent	97%, 54%, 58%
CMY	0.0315, 0.4626, 0.4196
CMYK	0.00, 0.45, 0.40, 0.03
HSL	354°, 87%, 75%
HSV	354°, 45%, 97%
XYZ	52.6410, 39.8036, 32.9210
YIQ	171.1440, 62.0290, 26.7410

Conversions

Conversions Part 2

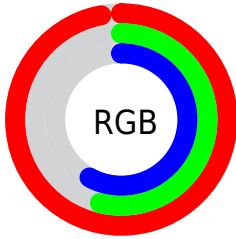
Format	Color
RYB	247, 137, 148
Decimal	16222612
CIELab	69.33, 42.81, 12.88
CIELCh	69, 44.710, 16.748
Yxy	39.8036, 0.4199, 0.3175
Android (android.graphics.Color)	4294412692 (0xFFFF78994)
YUV	171.1440, -11.4100, 66.5257
Hunter-Lab	63.0901, 38.5290, 13.2250

Details

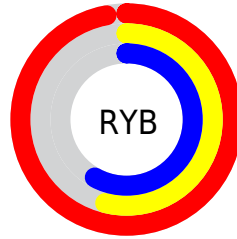
The Yxy color **39.8036, 0.4199, 0.3175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.8821, 0.2576, 0.3417**, and the grayscale version is **40.8381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2235, 0.3567, 0.3188**, and **17.7873, 0.4516, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **32.9302, 0.4593, 0.3156**, and if you desaturate by 10%, it is **48.4231, 0.3866, 0.3200**.

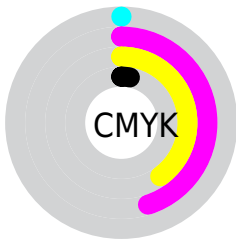
Distribution



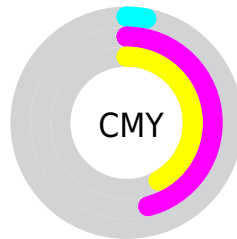
- Red (97%)
- Green (54%)
- Blue (58%)



- Red (97%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (3%)





- Cyan (3%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8036, 0.4199, 0.3175 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 39.8036, 0.4199, 0.3175 by changing the saturation by 10% instead.


 39.8036, 0.4199,
0.3175


 39.8036, 0.4199,
0.3175


345.2951, 0.3644,
0.3250


 27.3854, 0.4342,
0.3151


 74.8644, 0.3994,
0.3207

 17.8629, 0.4528,
0.3116


 98.2757, 0.3918,
0.3217

 10.8516, 0.4778,
0.3063


 126.1203, 0.3854,
0.3226

 5.9671, 0.5131,
0.2979

158.7825, 0.3800,
0.3232

 2.8251, 0.5658,
0.2831

196.6467, 0.3753,
0.3238

 1.0411, 0.6785,
0.2646

240.0972, 0.3712,

 0.0000, 1.0000,


0.3243


0.0000


289.5186, 0.3676,
0.3247


 0.0000, 0.0000,
0.0000

 39.8036, 0.4199,
0.3175


 39.8036, 0.4199,
0.3175


 32.9302, 0.4593,
0.3156


 48.4231, 0.3866,
0.3200


 27.6780, 0.5036,
0.3147


 58.8904, 0.3592,
0.3227


 23.9153, 0.5491,
0.3155


 71.3066, 0.3372,
0.3254

 21.4870, 0.5900,
0.3182

 85.7636, 0.3195,
0.3279

 20.2035, 0.6201,
0.3226

 98.5093, 0.3078,
0.3290

 19.8379, 0.6309,
0.3249

Harmonies

Analogous

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



39.8036, 0.3630, 0.2731



39.8036, 0.4199, 0.3175



39.8036, 0.4438, 0.3673

Triad

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



39.8036, 0.4199, 0.3175



39.8036, 0.3184, 0.4424



39.8036, 0.2058, 0.2357

Complementary

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



39.8036, 0.4199, 0.3175



77.8821, 0.2576, 0.3417

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.



39.8036, 0.1970, 0.2691



39.8036, 0.4199, 0.3175



39.8036, 0.2577, 0.3955

Square

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



39.8036, 0.4199, 0.3175



39.8036, 0.3809, 0.4460



39.8036, 0.2145, 0.3272



39.8036, 0.2397, 0.2274

Rectangle

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



39.8036, 0.4199, 0.3175



39.8036, 0.4373, 0.3997



39.8036, 0.2145, 0.3272



39.8036, 0.2001, 0.2439

Sweetspot

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



39.8056, 0.4199, 0.3175



78.8677, 0.3343, 0.3258



42.4414, 0.3081, 0.2168



16.1938, 0.3386, 0.3252



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.



39.8056, 0.4199, 0.3175



36.3594, 0.4534, 0.3158



54.6257, 0.4093, 0.3765



16.5094, 0.3278, 0.3267



10.5034, 0.6286, 0.3237



0.9320, 0.6052, 0.3107

Inverse Universe

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



39.8056, 0.4199, 0.3175



36.3594, 0.4534, 0.3158



54.7433, 0.2433, 0.2748



16.5094, 0.3278, 0.3267



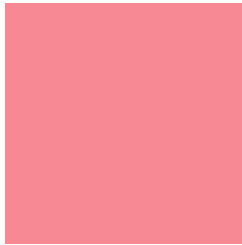
10.5034, 0.6286, 0.3237



0.9320, 0.6052, 0.3107

Previews

White Background



This preview shows how the Yxy color 39.8036, 0.4199, 0.3175 looks on a white background.

Color Contrast Check

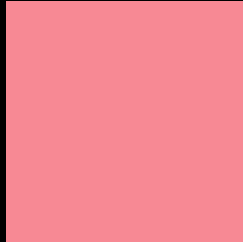
Large Text (above 18pt) WCAG AA × Fail

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 39.8036, 0.4199, 0.3175 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 39.8036, 0.4199, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 39.8036, 0.4199, 0.3175.



This preview shows how white text looks on a background with the Yxy color 39.8036, 0.4199, 0.3175.

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

39.8036, 0.4199, 0.3175

Protanopia

40.0912, 0.3207, 0.3346

Deuteranopia

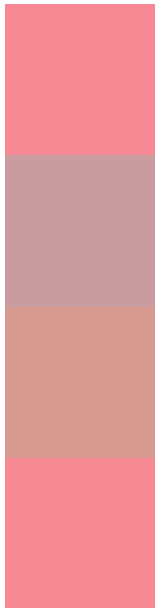
39.7797, 0.3626, 0.3556



Tritanopia

39.7721, 0.4211, 0.3186

Trichromacy



Original Color

39.8036, 0.4199, 0.3175

Protanomaly

39.0347, 0.3547, 0.3265

Deuteranomaly

39.4517, 0.3830, 0.3404

Tritanomaly

39.7721, 0.4211, 0.3186

Monochromacy



Original Color

39.8036, 0.4199, 0.3175

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5827, 0.3483, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8036, 0.4199, 0.3175 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, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(247, 137, 148)  
}
```

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, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 137, 148) }
```

Border

The CSS property to change the border of an element to Yxy 39.8036, 0.4199, 0.3175 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, 137, 148) }
```

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

```
.border{ border-color:rgb(247, 137, 148) }
```

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

Here you see how a box with a 4 pixel rgb(247, 137, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 137, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 137, 148);  
box-shadow:4px 4px 4px 4px rgb(247, 137,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8036, 0.4199, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 137, 148) }
```

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

```
.background{ background-color: rgb(247,  
137, 148) }
```

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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