

Converting Colors

$Y_{xy}(39.1053, 0.4178, 0.2958)$

Have a look what the booklet for
Yxy(39.1053, 0.4178, 0.2958)
contains.

Yxy(39.2364, 0.4175, 0.2962)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2364, 0.4175, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	FF80A0
RGB	255, 128, 160
RGB Percent	100%, 50%, 63%
CMY	0.0000, 0.4980, 0.3725
CMYK	0.00, 0.50, 0.37, 0.00
HSL	345°, 100%, 75%
HSV	345°, 50%, 100%
XYZ	55.3045, 39.2364, 37.9250
YIQ	169.6210, 65.4200, 36.8760

Conversions

Conversions Part 2

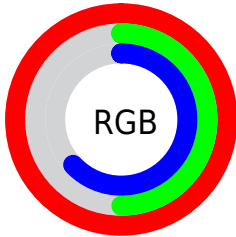
Format	Color
RYB	255, 128, 160
Decimal	16744608
CIELab	68.92, 51.38, 5.70
CIElCh	69, 51.695, 6.329
Yxy	39.2364, 0.4175, 0.2962
Android (android.graphics.Color)	4294934688 (0xFFFF80A0)
YUV	169.6210, -4.7432, 74.8774
Hunter-Lab	62.6390, 47.9811, 7.9499

Details

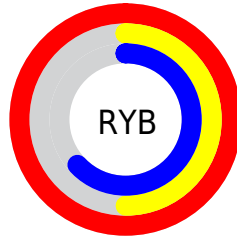
The Yxy color **39.2364, 0.4175, 0.2962** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.4340, 0.2613, 0.3670**, and the grayscale version is **40.0018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4473, 0.3475, 0.2973**, and **17.6038, 0.4490, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **32.7837, 0.4521, 0.2915**, and if you desaturate by 10%, it is **47.4666, 0.3877, 0.3024**.

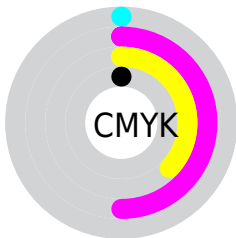
Distribution



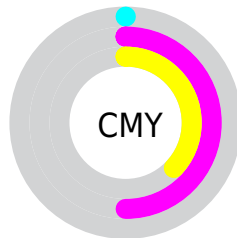
- Red (100%)
- Green (50%)
- Blue (63%)



- Red (100%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (50%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2364, 0.4175, 0.2962 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 39.2364, 0.4175, 0.2962 by changing the saturation by 10% instead.


 39.2364, 0.4175,
0.2962


 39.2364, 0.4175,
0.2962


342.8945, 0.3635,
0.3138


 26.9437, 0.4314,
0.2914


 73.9993, 0.3976,
0.3029

 17.5309, 0.4494,
0.2852


 97.2383, 0.3902,
0.3053

 10.6138, 0.4737,
0.2765


 124.8948, 0.3839,
0.3073

 5.8078, 0.5079,
0.2638

157.3533, 0.3786,
0.3090

 2.7285, 0.5592,
0.2438

194.9981, 0.3741,
0.3105

 0.9917, 0.6460,
0.2104

238.2137, 0.3701,


 0.0000, 1.0000,


0.3117

0.0000

287.3843, 0.3666,
0.3128

 0.0000, 0.0000,
0.0000

 39.2364, 0.4175,
0.2962

 39.2364, 0.4175,
0.2962


 32.7837, 0.4521,
0.2915

 47.4666, 0.3877,
0.3024


 27.9703, 0.4905,
0.2894


 57.5870, 0.3628,
0.3092

 24.6470, 0.5299,
0.2910

 69.7082, 0.3424,
0.3161

 22.6343, 0.5665,
0.2968

 83.9303, 0.3259,
0.3228

 21.6480, 0.5964,
0.3060

99.9992, 0.3127,
0.3290

■ 21.6326, 0.5969,
0.3062

Harmonies

Analogous

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



39.2364, 0.3432, 0.2506



39.2364, 0.4175, 0.2962



39.2364, 0.4605, 0.3507

Triad

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



39.2364, 0.4175, 0.2962



39.2364, 0.3433, 0.4694



39.2364, 0.1846, 0.2314

Complementary

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



39.2364, 0.4175, 0.2962



81.4340, 0.2613, 0.3670

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.



39.2364, 0.1845, 0.2788



39.2364, 0.4175, 0.2962



39.2364, 0.2709, 0.4318

Square

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



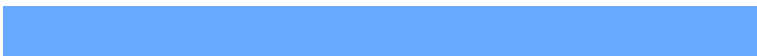
39.2364, 0.4175, 0.2962



39.2364, 0.4113, 0.4536



39.2364, 0.2137, 0.3540



39.2364, 0.2127, 0.2137

Rectangle

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



39.2364, 0.4175, 0.2962



39.2364, 0.4628, 0.3883



39.2364, 0.2137, 0.3540



39.2364, 0.1814, 0.2438

Sweetspot

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



39.2384, 0.4175, 0.2962



76.2695, 0.3341, 0.3194



38.0531, 0.2887, 0.1975



15.6953, 0.3376, 0.3180



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.



39.2384, 0.4175, 0.2962



32.6730, 0.4529, 0.2915



47.1485, 0.4376, 0.3600



18.0622, 0.3254, 0.3230



11.3240, 0.5929, 0.3040



1.1192, 0.5614, 0.2866

Inverse Universe

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



39.2384, 0.4175, 0.2962



32.6730, 0.4529, 0.2915



65.8577, 0.2406, 0.2936



18.0622, 0.3254, 0.3230



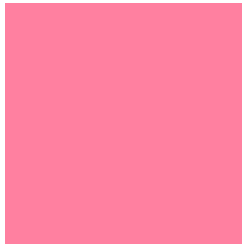
11.3240, 0.5929, 0.3040



1.1192, 0.5614, 0.2866

Previews

White Background



This preview shows how the Yxy color 39.2364, 0.4175, 0.2962 looks on a white background.

Color Contrast Check

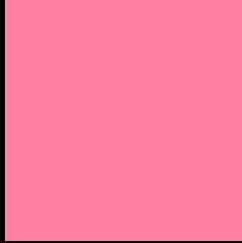
Large Text (above 18pt) WCAG AA × Fail

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 39.2364, 0.4175, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

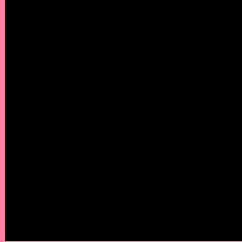
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2364, 0.4175, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 39.2364, 0.4175, 0.2962.



This preview shows how white text looks on a background with the Yxy color 39.2364, 0.4175, 0.2962.

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

39.2364, 0.4175, 0.2962

Protanopia

39.7490, 0.3003, 0.3084

Deuteranopia

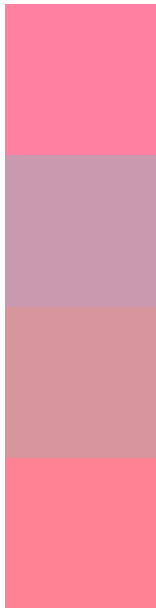
39.4746, 0.3471, 0.3411



Tritanopia

39.0383, 0.4366, 0.3190

Trichromacy



Original Color

39.2364, 0.4175, 0.2962

Protanomaly

38.1570, 0.3388, 0.3010

Deuteranomaly

38.5091, 0.3730, 0.3218

Tritanomaly

39.1742, 0.4298, 0.3107

Monochromacy



Original Color

39.2364, 0.4175, 0.2962

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.6134, 0.3483, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2364, 0.4175, 0.2962 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, 128, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 160)  
}
```

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, 128, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 160) }
```

Border

The CSS property to change the border of an element to Yxy 39.2364, 0.4175, 0.2962 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, 128, 160) }
```

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

```
.border{ border-color:rgb(255, 128, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2364, 0.4175, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 160) }
```

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

```
.background{ background-color: rgb(255,  
128, 160) }
```

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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