

Converting Colors

Yxy(61.5476, 0.5097, 0.3193)

Have a look what the booklet for
Yxy(61.5476, 0.5097, 0.3193)
contains.

Yxy(38.7120, 0.4364, 0.3129)	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(38.7120, 0.4364, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	FF8090
RGB	255, 128, 144
RGB Percent	100%, 50%, 56%
CMY	0.0000, 0.4980, 0.4352
CMYK	0.00, 0.50, 0.44, 0.00
HSL	352°, 100%, 75%
HSV	352°, 50%, 100%
XYZ	53.9914, 38.7120, 31.0166
YIQ	167.7970, 70.5560, 31.9000

Conversions

Conversions Part 2

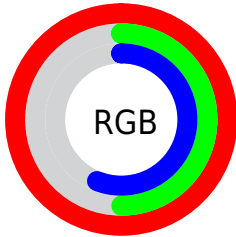
Format	Color
R_{YB}	255, 128, 144
Decimal	16744592
CIE _{Lab}	68.54, 49.69, 14.17
CIE _{LCh}	69, 51.668, 15.913
Yxy	38.7120, 0.4364, 0.3129
Android (android.graphics.Color)	4294934672 (0xFFFF8090)
YUV	167.7970, -11.7319, 76.4770
Hunter-Lab	62.2190, 46.0128, 13.9968

Details

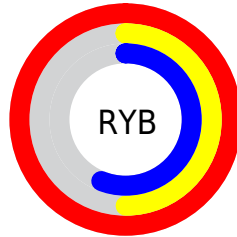
The Yxy color **38.7120, 0.4364, 0.3129** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.3357, 0.2542, 0.3475**, and the grayscale version is **39.0883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2042, 0.3621, 0.3135**, and **17.1750, 0.4738, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **32.2607, 0.4775, 0.3110**, and if you desaturate by 10%, it is **46.9729, 0.4008, 0.3158**.

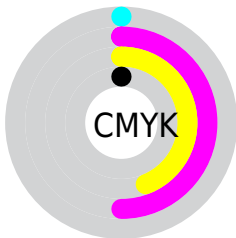
Distribution



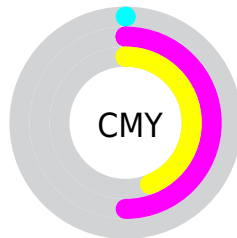
- Red (100%)
- Green (50%)
- Blue (56%)



- Red (100%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7120, 0.4364, 0.3129 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 38.7120, 0.4364, 0.3129 by changing the saturation by 10% instead.


 38.7120, 0.4364,
0.3129


 38.7120, 0.4364,
0.3129


340.6645, 0.3722,
0.3232

 26.5358, 0.4530,
0.3096


 73.1981, 0.4126,
0.3172

 17.2249, 0.4745,
0.3049


 96.2768, 0.4038,
0.3187

 10.3949, 0.5033,
0.2979


 123.7585, 0.3964,
0.3198

 5.6616, 0.5438,
0.2868

156.0274, 0.3901,
0.3208

 2.6404, 0.6034,
0.2676

193.4681, 0.3847,
0.3215

 0.9470, 0.7434,
0.2464

236.4649, 0.3800,

 0.0000, 1.0000,

0.3222

0.0000

285.4022, 0.3759,
0.3228

■ 0.0000, 0.0000,
0.0000

■ 38.7120, 0.4364,
0.3129

■ 38.7120, 0.4364,
0.3129

■ 32.2607, 0.4775,
0.3110

■ 46.9729, 0.4008,
0.3158

■ 27.4774, 0.5221,
0.3107

■ 57.1591, 0.3713,
0.3192

■ 24.2092, 0.5657,
0.3127


■ 69.3837, 0.3473,
0.3226

■ 22.2723, 0.6022,
0.3171

■ 83.7493, 0.3280,
0.3259

■ 21.3769, 0.6267,
0.3227

99.9982, 0.3127,
0.3290

 21.3632, 0.6271,
0.3228

Harmonies

Analogous

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



38.7120, 0.3687, 0.2635



38.7120, 0.4364, 0.3129



38.7120, 0.4649, 0.3688

Triad

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



38.7120, 0.4364, 0.3129



38.7120, 0.3197, 0.4642



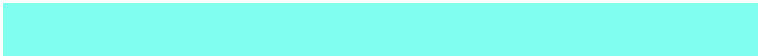
38.7120, 0.1902, 0.2223

Complementary

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



38.7120, 0.4364, 0.3129



82.3357, 0.2542, 0.3475

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.



38.7120, 0.1810, 0.2600



38.7120, 0.4364, 0.3129



38.7120, 0.2499, 0.4098

Square

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



38.7120, 0.4364, 0.3129



38.7120, 0.3915, 0.4639



38.7120, 0.2007, 0.3278



38.7120, 0.2272, 0.2132

Rectangle

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



38.7120, 0.4364, 0.3129



38.7120, 0.4570, 0.4061



38.7120, 0.2007, 0.3278



38.7120, 0.1840, 0.2315

Sweetspot

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



38.7140, 0.4364, 0.3129



76.0078, 0.3375, 0.3242



40.8488, 0.3035, 0.2031



15.6331, 0.3417, 0.3235



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.



38.7140, 0.4364, 0.3129



32.1500, 0.4784, 0.3110



53.3105, 0.4275, 0.3775



18.0243, 0.3274, 0.3260



11.1752, 0.6245, 0.3214



1.0992, 0.5998, 0.3078

Inverse Universe

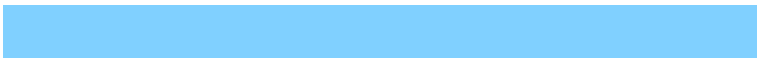
The Inverse Universe completely reimagines the original color for something new.



38.7140, 0.4364, 0.3129



32.1500, 0.4784, 0.3110



57.1324, 0.2365, 0.2724



18.0243, 0.3274, 0.3260



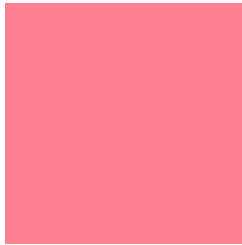
11.1752, 0.6245, 0.3214



1.0992, 0.5998, 0.3078

Previews

White Background



This preview shows how the Yxy color 38.7120, 0.4364, 0.3129 looks on a white background.

Color Contrast Check

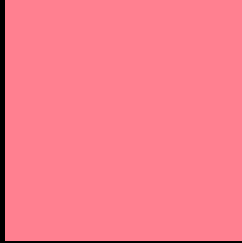
Large Text (above 18pt) WCAG AA × Fail

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 38.7120, 0.4364, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

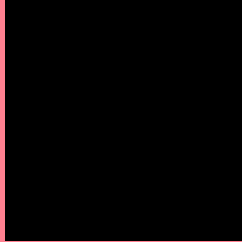
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7120, 0.4364, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 38.7120, 0.4364, 0.3129.



This preview shows how white text looks on a background with the Yxy color 38.7120, 0.4364, 0.3129.

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

38.7120, 0.4364, 0.3129

Protanopia

38.9757, 0.3190, 0.3332

Deuteranopia

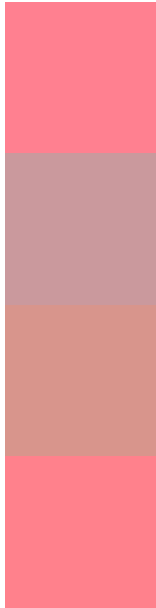
38.7941, 0.3671, 0.3598



Tritanopia

38.7955, 0.4430, 0.3202

Trichromacy



Original Color

38.7120, 0.4364, 0.3129

Protanomaly

37.7733, 0.3588, 0.3240

Deuteranomaly

37.9873, 0.3924, 0.3403

Tritanomaly

38.8540, 0.4406, 0.3181

Monochromacy



Original Color

38.7120, 0.4364, 0.3129

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.5650, 0.3547, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7120, 0.4364, 0.3129 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 144) }
```

Border

The CSS property to change the border of an element to Yxy 38.7120, 0.4364, 0.3129 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, 144) }
```

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

```
.border{ border-color:rgb(255, 128, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7120, 0.4364, 0.3129 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
128, 144) }
```

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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