

Converting Colors

Yxy(53.0868, 0.4532, 0.2852)

Have a look what the booklet for
Yxy(53.0868, 0.4532, 0.2852)
contains.

Yxy(38.6806, 0.3968, 0.2719)	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(38.6806, 0.3968, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	FF7BB3
RGB	255, 123, 179
RGB Percent	100%, 48%, 70%
CMY	0.0001, 0.5175, 0.2981
CMYK	0.00, 0.52, 0.30, 0.00
HSL	335°, 100%, 74%
HSV	335°, 52%, 100%
XYZ	56.4489, 38.6806, 47.1309
YIQ	168.8520, 60.6960, 45.4000

Conversions

Conversions Part 2

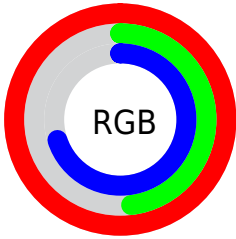
Format	Color
R _Y B	255, 123, 179
Decimal	16743347
CIE Lab	68.52, 55.98, -5.57
CIE LCh	69, 56.253, 354.320
Yxy	38.6806, 0.3968, 0.2719
Android (android.graphics.Color)	4294933427 (0xFFFF7BB3)
YUV	168.8520, 5.0030, 75.5518
Hunter-Lab	62.1937, 53.1730, -1.3948

Details

The Yxy color **38.6806, 0.3968, 0.2719** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.8358, 0.2703, 0.3979**, and the grayscale version is **39.5558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4984, 0.3317, 0.2728**, and **17.2427, 0.4220, 0.2568** is the 20% darker color. If you saturate the color by 10%, you get **32.5942, 0.4227, 0.2635**, and if you desaturate by 10%, it is **46.4811, 0.3741, 0.2823**.

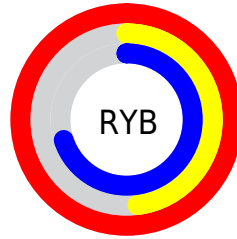
Distribution



Red (100%)

Green (48%)

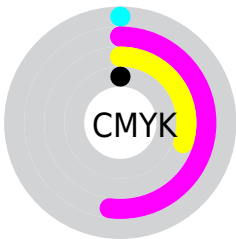
Blue (70%)



Red (100%)

Yellow (48%)

Blue (70%)

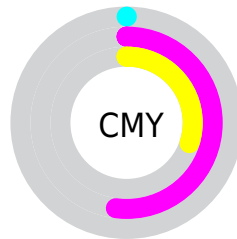


Cyan (0%)

Magenta (52%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6806, 0.3968, 0.2719 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 38.6806, 0.3968, 0.2719 by changing the saturation by 10% instead.

 38.6806, 0.3968,
0.2719


 38.6806, 0.3968,
0.2719


340.5306, 0.3541,
0.3004


 26.5113, 0.4076,
0.2649


 73.1501, 0.3811,
0.2822

 17.2066, 0.4216,
0.2559


 96.2192, 0.3753,
0.2861

 10.3819, 0.4403,
0.2440

 123.6903, 0.3704,
0.2894

 5.6529, 0.4664,
0.2277

155.9479, 0.3662,
0.2922

 2.6352, 0.5055,
0.2040

193.3763, 0.3625,
0.2946

 0.9444, 0.5689,
0.1672

236.3600, 0.3594,

 0.0000, 0.8574,

0.2968

0.0000

285.2833, 0.3566,
0.2987

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 38.6806, 0.3968,
0.2719

■ 38.6806, 0.3968,
0.2719

■ 32.5942, 0.4227,
0.2635

■ 46.4811, 0.3741,
0.2823

■ 28.0835, 0.4512,
0.2585

■ 56.1085, 0.3548,
0.2937

■ 24.9979, 0.4811,
0.2581

■ 67.6726, 0.3387,
0.3052

■ 23.1538, 0.5102,
0.2631

■ 81.2728, 0.3254,
0.3165

■ 22.3389, 0.5326,
0.2708

■ 97.0018, 0.3144,
0.3272

99.9934, 0.3127,
0.3290

Harmonies

Analogous

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



38.6806, 0.3109, 0.2295



38.6806, 0.3968, 0.2719



38.6806, 0.4613, 0.3270

Triad

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



38.6806, 0.3968, 0.2719



38.6806, 0.3757, 0.4815



38.6806, 0.1712, 0.2390

Complementary

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



38.6806, 0.3968, 0.2719



79.8358, 0.2703, 0.3979

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.



38.6806, 0.1829, 0.3032



38.6806, 0.3968, 0.2719



38.6806, 0.2968, 0.4668

Square

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



38.6806, 0.3968, 0.2719



38.6806, 0.4423, 0.4446



38.6806, 0.2264, 0.3929



38.6806, 0.1893, 0.2086

Rectangle

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



38.6806, 0.3968, 0.2719



38.6806, 0.4775, 0.3669



38.6806, 0.2264, 0.3929



38.6806, 0.1716, 0.2566

Sweetspot

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



38.6825, 0.3968, 0.2719



75.2524, 0.3307, 0.3118



33.3709, 0.2684, 0.1852



15.5105, 0.3335, 0.3094



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.



38.6825, 0.3968, 0.2719



32.4694, 0.4234, 0.2634



39.1414, 0.4584, 0.3383



18.1149, 0.3227, 0.3190



11.7045, 0.5285, 0.2685



1.1609, 0.4993, 0.2524

Inverse Universe

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



38.6825, 0.3968, 0.2719



32.4694, 0.4234, 0.2634



77.4465, 0.2436, 0.3186



18.1149, 0.3227, 0.3190



11.7045, 0.5285, 0.2685



1.1609, 0.4993, 0.2524

Previews

White Background



This preview shows how the Yxy color 38.6806, 0.3968, 0.2719 looks on a white background.

Color Contrast Check

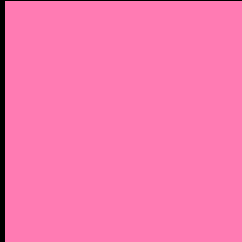
Large Text (above 18pt) WCAG AA × Fail

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 38.6806, 0.3968, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

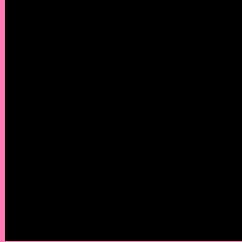
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6806, 0.3968, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 38.6806, 0.3968, 0.2719.



This preview shows how white text looks on a background with the Yxy color 38.6806, 0.3968, 0.2719.

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

38.6806, 0.3968, 0.2719

Protanopia

39.0465, 0.2736, 0.2739

Deuteranopia

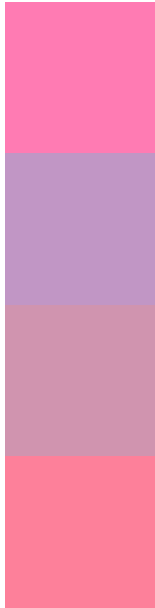
38.6815, 0.3210, 0.3142



Tritanopia

38.8215, 0.4368, 0.3200

Trichromacy



Original Color

38.6806, 0.3968, 0.2719

Protanomaly

37.1814, 0.3117, 0.2696

Deuteranomaly

37.6849, 0.3477, 0.2955

Tritanomaly

38.6541, 0.4227, 0.3022

Monochromacy



Original Color

38.6806, 0.3968, 0.2719

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

37.7530, 0.3409, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6806, 0.3968, 0.2719 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, 123, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 179)  
}
```

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, 123, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 179) }
```

Border

The CSS property to change the border of an element to Yxy 38.6806, 0.3968, 0.2719 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, 123, 179) }
```

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

```
.border{ border-color:rgb(255, 123, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 123, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 123, 179); box-shadow:4px 4px 4px 4px rgb(255, 123, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6806, 0.3968, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 179) }
```

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

```
.background{ background-color: rgb(255,  
123, 179) }
```

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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