

Converting Colors

$Y_{xy}(43.1359, 0.3743, 0.2684)$

Have a look what the booklet for
Yxy(43.1359, 0.3743, 0.2684)
contains.

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Color

Yxy(43.1368, 0.3744, 0.2685)

Conversions

Conversions Part 1

Format	Color
Hex	FF89C4
RGB	255, 137, 196
RGB Percent	100%, 54%, 77%
CMY	0.0000, 0.4627, 0.2314
CMYK	0.00, 0.46, 0.23, 0.00
HSL	330°, 100%, 77%
HSV	330°, 46%, 100%
XYZ	60.1505, 43.1368, 57.3711
YIQ	179.0080, 51.3890, 43.3650

Conversions

Conversions Part 2

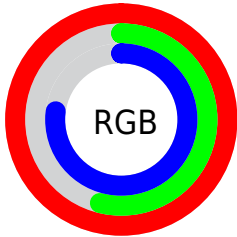
Format	Color
R_{YB}	255, 137, 196
Decimal	16746948
CIE _{Lab}	71.65, 51.48, -10.42
CIE _{LCh}	72, 52.529, 348.557
Yxy	43.1368, 0.3744, 0.2685
Android (android.graphics.Color)	4294937028 (0xFFFF89C4)
YUV	179.0080, 8.3771, 66.6450
Hunter-Lab	65.6786, 48.5383, -5.8156

Details

The Yxy color **43.1368, 0.3744, 0.2685** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.8250, 0.2778, 0.4006**, and the grayscale version is **45.0171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4918, 0.3170, 0.2701**, and **19.8753, 0.3920, 0.2534** is the 20% darker color. If you saturate the color by 10%, you get **36.1675, 0.3948, 0.2571**, and if you desaturate by 10%, it is **51.8688, 0.3566, 0.2814**.

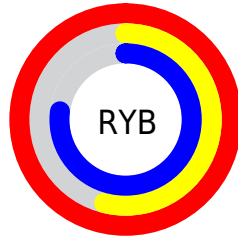
Distribution



Red (100%)

Green (54%)

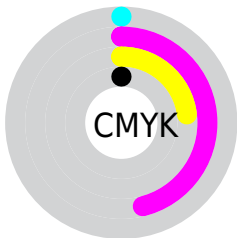
Blue (77%)



Red (100%)

Yellow (54%)

Blue (77%)

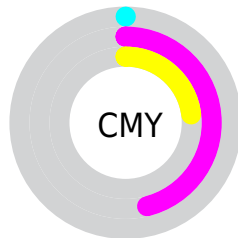


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (46%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1368, 0.3744, 0.2685 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 43.1368, 0.3744, 0.2685 by changing the saturation by 10% instead.


 43.1368, 0.3744,
0.2685


 43.1368, 0.3744,
0.2685


359.1741, 0.3439,
0.2977


 29.9925, 0.3819,
0.2615


 79.9173, 0.3634,
0.2789

 19.8329, 0.3914,
0.2528


 104.3222, 0.3593,
0.2828

 12.2736, 0.4038,
0.2415


 133.2494, 0.3558,
0.2862

 6.9303, 0.4209,
0.2264

167.0833, 0.3527,
0.2891

 3.4186, 0.4457,
0.2052

206.2084, 0.3501,
0.2917

 1.3540, 0.4844,
0.1736

251.0089, 0.3478,

 0.1824, 0.5871,

0.2939

0.0679

301.8693, 0.3458,
0.2959

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.1368, 0.3744,
0.2685

■ 43.1368, 0.3744,
0.2685

■ 36.1675, 0.3948,
0.2571

■ 51.8688, 0.3566,
0.2814

■ 30.8365, 0.4177,
0.2483

■ 62.4745, 0.3415,
0.2950

■ 27.0038, 0.4422,
0.2435

■ 75.0566, 0.3289,
0.3084

■ 24.5057, 0.4672,
0.2439

■ 89.7102, 0.3184,
0.3213

■ 23.1382, 0.4914,
0.2498

100.0000, 0.3127,
0.3290

■ 22.8044, 0.5002,
0.2529

Harmonies

Analogous

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



43.1368, 0.2972, 0.2322



43.1368, 0.3744, 0.2685



43.1368, 0.4383, 0.3181

Triad

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



43.1368, 0.3744, 0.2685



43.1368, 0.3845, 0.4634



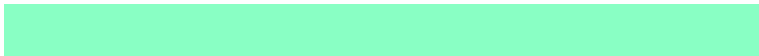
43.1368, 0.1828, 0.2569

Complementary

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



43.1368, 0.3744, 0.2685



80.8250, 0.2778, 0.4006

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.



43.1368, 0.1998, 0.3212



43.1368, 0.3744, 0.2685



43.1368, 0.3134, 0.4587

Square

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



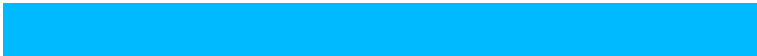
43.1368, 0.3744, 0.2685



43.1368, 0.4401, 0.4267



43.1368, 0.2458, 0.4014



43.1368, 0.1943, 0.2223

Rectangle

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



43.1368, 0.3744, 0.2685



43.1368, 0.4596, 0.3548



43.1368, 0.2458, 0.4014



43.1368, 0.1852, 0.2752

Sweetspot

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



43.1370, 0.3744, 0.2685



78.2026, 0.3263, 0.3114



36.8482, 0.2680, 0.1984



16.0989, 0.3287, 0.3085



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.



43.1370, 0.3744, 0.2685



36.3356, 0.3942, 0.2573



40.9584, 0.4399, 0.3294



18.1385, 0.3215, 0.3172



11.9460, 0.4965, 0.2509



1.1852, 0.4711, 0.2369

Inverse Universe

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



43.1370, 0.3744, 0.2685



36.3356, 0.3942, 0.2573



84.0586, 0.2509, 0.3288



18.1385, 0.3215, 0.3172



11.9460, 0.4965, 0.2509



1.1852, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 43.1368, 0.3744, 0.2685 looks on a white background.

Color Contrast Check

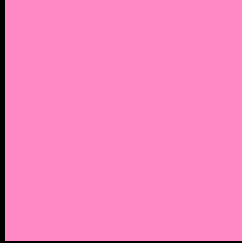
Large Text (above 18pt) WCAG AA × Fail

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 43.1368, 0.3744, 0.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

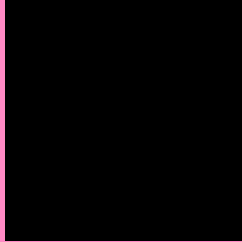
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1368, 0.3744, 0.2685

Background



This preview shows how black text looks on a background with the Yxy color 43.1368, 0.3744, 0.2685.



This preview shows how white text looks on a background with the Yxy color 43.1368, 0.3744, 0.2685.

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

43.1368, 0.3744, 0.2685

Protanopia

43.4919, 0.2703, 0.2690

Deuteranopia

43.2826, 0.3103, 0.3045



Tritanopia

43.1603, 0.4114, 0.3176

Trichromacy



Original Color

43.1368, 0.3744, 0.2685



Protanomaly

42.2490, 0.3031, 0.2673



Deuteranomaly

42.4509, 0.3324, 0.2893



Tritanomaly

42.9817, 0.3971, 0.2986

Monochromacy



Original Color

43.1368, 0.3744, 0.2685



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.3191, 0.3344, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1368, 0.3744, 0.2685 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, 137, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 196)  
}
```

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, 137, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 196) }
```

Border

The CSS property to change the border of an element to Yxy 43.1368, 0.3744, 0.2685 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, 137, 196) }
```

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

```
.border{ border-color:rgb(255, 137, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1368, 0.3744, 0.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 196) }
```

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

```
.background{ background-color: rgb(255,  
137, 196) }
```

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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