

Converting Colors

$Y_{xy}(44.5506, 0.3786, 0.2725)$

Have a look what the booklet for
Yxy(44.5506, 0.3786, 0.2725)
contains.

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Color

Yxy(43.6654, 0.3750, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	FF8BC3
RGB	255, 139, 195
RGB Percent	100%, 55%, 76%
CMY	0.0000, 0.4550, 0.2352
CMYK	0.00, 0.45, 0.24, 0.00
HSL	331°, 100%, 77%
HSV	331°, 45%, 100%
XYZ	60.3335, 43.6654, 56.8905
YIQ	180.0680, 51.1600, 42.0080

Conversions

Conversions Part 2

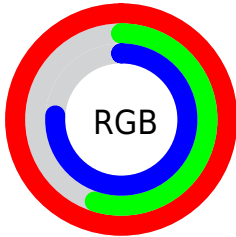
Format	Color
R _Y B	255, 139, 195
Decimal	16747459
CIE Lab	72.00, 50.38, -9.35
CIE LCh	72, 51.244, 349.482
Yxy	43.6654, 0.3750, 0.2714
Android (android.graphics.Color)	4294937539 (0xFFFF8BC3)
YUV	180.0680, 7.3615, 65.7154
Hunter-Lab	66.0798, 47.3381, -4.7891

Details

The Yxy color **43.6654, 0.3750, 0.2714** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.1292, 0.2773, 0.3967**, and the grayscale version is **45.6142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3185, 0.3176, 0.2730**, and **20.1558, 0.3929, 0.2570** is the 20% darker color. If you saturate the color by 10%, you get **36.5490, 0.3960, 0.2602**, and if you desaturate by 10%, it is **52.5482, 0.3568, 0.2840**.

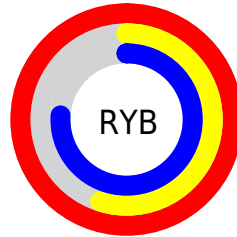
Distribution



Red (100%)

Green (55%)

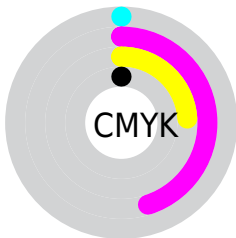
Blue (76%)



Red (100%)

Yellow (55%)

Blue (76%)

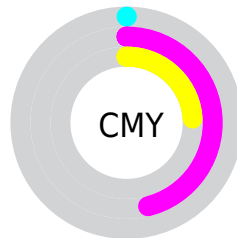


Cyan (0%)

Magenta (45%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6654, 0.3750, 0.2714 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 43.6654, 0.3750, 0.2714 by changing the saturation by 10% instead.


 43.6654, 0.3750,
0.2714

 43.6654, 0.3750,
0.2714


361.3411, 0.3442,
0.2992


 30.4075, 0.3826,
0.2647


 80.7140, 0.3639,
0.2813

 20.1481, 0.3922,
0.2564


 105.2736, 0.3597,
0.2851

 12.5028, 0.4048,
0.2456

 134.3691, 0.3562,
0.2883

 7.0871, 0.4222,
0.2310

168.3851, 0.3531,
0.2911

 3.5166, 0.4474,
0.2105

207.7059, 0.3504,
0.2935

 1.4070, 0.4869,
0.1799

252.7159, 0.3481,

 0.2219, 0.5879,

0.2957

0.0818

303.7995, 0.3460,
0.2976

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6654, 0.3750,
0.2714

■ 43.6654, 0.3750,
0.2714

■ 36.5490, 0.3960,
0.2602

■ 52.5482, 0.3568,
0.2840

■ 31.0883, 0.4196,
0.2516

■ 63.3206, 0.3413,
0.2971

■ 27.1405, 0.4451,
0.2468

■ 76.0805, 0.3284,
0.3100

■ 24.5438, 0.4712,
0.2471

■ 90.9225, 0.3178,
0.3225

■ 23.0984, 0.4965,
0.2530

100.0000, 0.3127,
0.3290

■ 22.6943, 0.5075,
0.2569

Harmonies

Analogous

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



43.6654, 0.3000, 0.2354



43.6654, 0.3750, 0.2714



43.6654, 0.4361, 0.3202

Triad

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



43.6654, 0.3750, 0.2714



43.6654, 0.3810, 0.4603



43.6654, 0.1858, 0.2575

Complementary

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



43.6654, 0.3750, 0.2714



81.1292, 0.2773, 0.3967

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.



43.6654, 0.2017, 0.3193



43.6654, 0.3750, 0.2714



43.6654, 0.3115, 0.4536

Square

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



43.6654, 0.3750, 0.2714



43.6654, 0.4357, 0.4261



43.6654, 0.2460, 0.3969



43.6654, 0.1979, 0.2244

Rectangle

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



43.6654, 0.3750, 0.2714



43.6654, 0.4559, 0.3562



43.6654, 0.2460, 0.3969



43.6654, 0.1879, 0.2751

Sweetspot

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



43.6614, 0.3750, 0.2714



78.1675, 0.3267, 0.3119



37.8121, 0.2705, 0.2013



16.0904, 0.3292, 0.3092



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.



43.6614, 0.3750, 0.2714



36.8624, 0.3949, 0.2607



42.1487, 0.4356, 0.3314



18.1333, 0.3218, 0.3176



11.8881, 0.5037, 0.2548



1.1795, 0.4773, 0.2403

Inverse Universe

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



43.6614, 0.3750, 0.2714



36.8624, 0.3949, 0.2607



83.0000, 0.2512, 0.3266



18.1333, 0.3218, 0.3176



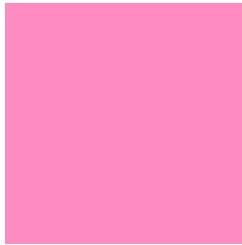
11.8881, 0.5037, 0.2548



1.1795, 0.4773, 0.2403

Previews

White Background



This preview shows how the Yxy color 43.6654, 0.3750, 0.2714 looks on a white background.

Color Contrast Check

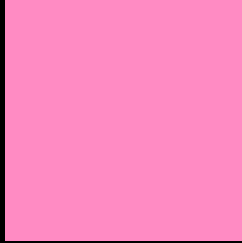
Large Text (above 18pt) WCAG AA × Fail

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 43.6654, 0.3750, 0.2714 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 43.6654, 0.3750, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 43.6654, 0.3750, 0.2714.



This preview shows how white text looks on a background with the Yxy color 43.6654, 0.3750, 0.2714.

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

43.6654, 0.3750, 0.2714

Protanopia

43.9899, 0.2732, 0.2728

Deuteranopia

43.8705, 0.3129, 0.3072



Tritanopia

43.5013, 0.4099, 0.3176

Trichromacy



Original Color

43.6654, 0.3750, 0.2714



Protanomaly

42.6359, 0.3056, 0.2709



Deuteranomaly

42.9002, 0.3342, 0.2918



Tritanomaly

43.2806, 0.3968, 0.2996

Monochromacy



Original Color

43.6654, 0.3750, 0.2714



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.6784, 0.3343, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6654, 0.3750, 0.2714 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, 139, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 195)  
}
```

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, 139, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 195) }
```

Border

The CSS property to change the border of an element to Yxy 43.6654, 0.3750, 0.2714 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, 139, 195) }
```

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

```
.border{ border-color:rgb(255, 139, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6654, 0.3750, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 195) }
```

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

```
.background{ background-color: rgb(255,  
139, 195) }
```

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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