

Converting Colors

$Yxy(49.3190, 0.3887, 0.2692)$

Have a look what the booklet for
Yxy(49.3190, 0.3887, 0.2692)
contains.

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Color

Yxy(44.3758, 0.3654, 0.2636)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CCC
RGB	255, 140, 204
RGB Percent	100%, 55%, 80%
CMY	0.0001, 0.4509, 0.2000
CMYK	0.00, 0.45, 0.20, 0.00
HSL	327°, 100%, 77%
HSV	327°, 45%, 100%
XYZ	61.5133, 44.3758, 62.4561
YIQ	181.6810, 47.9960, 44.2840

Conversions

Conversions Part 2

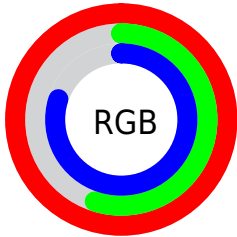
Format	Color
R _Y B	255, 140, 204
Decimal	16747724
CIE Lab	72.48, 51.12, -13.63
CIE LCh	72, 52.904, 345.075
Yxy	44.3758, 0.3654, 0.2636
Android (android.graphics.Color)	4294937804 (0xFFFF8CCC)
YUV	181.6810, 11.0033, 64.3008
Hunter-Lab	66.6152, 48.2528, -8.9576

Details

The Yxy color **44.3758, 0.3654, 0.2636** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.8473, 0.2816, 0.4068**, and the grayscale version is **46.5187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9599, 0.3154, 0.2712**, and **20.5933, 0.3791, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **37.2458, 0.3829, 0.2506**, and if you desaturate by 10%, it is **53.2757, 0.3501, 0.2780**.

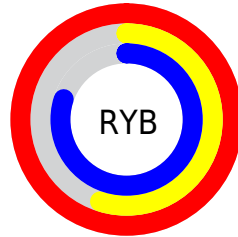
Distribution



Red (100%)

Green (55%)

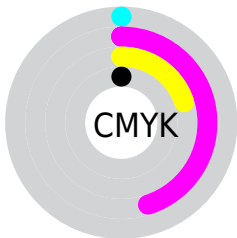
Blue (80%)



Red (100%)

Yellow (55%)

Blue (80%)

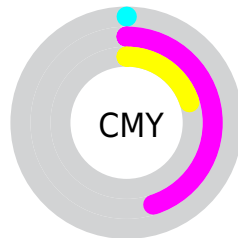


Cyan (0%)

Magenta (45%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3758, 0.3654, 0.2636 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 44.3758, 0.3654, 0.2636 by changing the saturation by 10% instead.


 44.3758, 0.3654,
0.2636

 44.3758, 0.3654,
0.2636


364.2396, 0.3398,
0.2947

 30.9661, 0.3716,
0.2563


 81.7829, 0.3563,
0.2746

 20.5730, 0.3794,
0.2472

 106.5491, 0.3528,
0.2788

 12.8122, 0.3895,
0.2355


135.8696, 0.3498,
0.2824

 7.2994, 0.4032,
0.2200

170.1287, 0.3473,
0.2855

 3.6500, 0.4226,
0.1986

209.7108, 0.3450,
0.2883

 1.4798, 0.4523,
0.1675

255.0004, 0.3431,

 0.2744, 0.5223,

0.2907

0.0843

306.3819, 0.3413,
0.2928

■ 0.0000, 0.9084,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.3758, 0.3654,
0.2636

■ 44.3758, 0.3654,
0.2636

■ 37.2458, 0.3829,
0.2506

■ 53.2757, 0.3501,
0.2780

■ 31.7575, 0.4023,
0.2402

■ 64.0493, 0.3370,
0.2930

■ 27.7757, 0.4232,
0.2337

■ 76.7997, 0.3260,
0.3078

■ 25.1404, 0.4446,
0.2321

■ 91.6209, 0.3168,
0.3221

■ 23.6545, 0.4656,
0.2360

99.9968, 0.3127,
0.3290

■ 23.2078, 0.4757,
0.2394

Harmonies

Analogous

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



44.3758, 0.2888, 0.2294



44.3758, 0.3654, 0.2636



44.3758, 0.4323, 0.3119

Triad

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



44.3758, 0.3654, 0.2636



44.3758, 0.3920, 0.4605



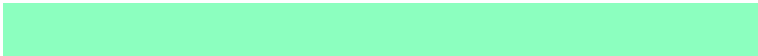
44.3758, 0.1835, 0.2630

Complementary

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



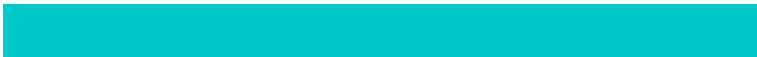
44.3758, 0.3654, 0.2636



80.8473, 0.2816, 0.4068

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.



44.3758, 0.2039, 0.3302



44.3758, 0.3654, 0.2636



44.3758, 0.3218, 0.4617

Square

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



44.3758, 0.3654, 0.2636



44.3758, 0.4444, 0.4209



44.3758, 0.2530, 0.4099



44.3758, 0.1918, 0.2251

Rectangle

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



44.3758, 0.3654, 0.2636



44.3758, 0.4570, 0.3483



44.3758, 0.2530, 0.4099



44.3758, 0.1870, 0.2825

Sweetspot

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



44.3779, 0.3654, 0.2636



78.3219, 0.3249, 0.3094



36.9058, 0.2633, 0.1998



16.1279, 0.3271, 0.3062



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.



44.3779, 0.3654, 0.2636



37.9453, 0.3809, 0.2519



42.1458, 0.4265, 0.3214



18.1564, 0.3207, 0.3158



12.1589, 0.4725, 0.2376



1.2059, 0.4504, 0.2255

Inverse Universe

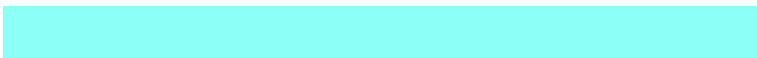
The Inverse Universe completely reimagines the original color for something new.



44.3779, 0.3654, 0.2636



37.9453, 0.3809, 0.2519



83.8213, 0.2554, 0.3376



18.1564, 0.3207, 0.3158



12.1589, 0.4725, 0.2376



1.2059, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 44.3758, 0.3654, 0.2636 looks on a white background.

Color Contrast Check

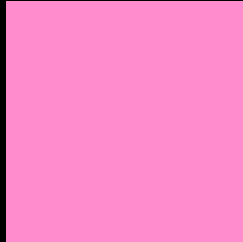
Large Text (above 18pt) WCAG AA × Fail

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 44.3758, 0.3654, 0.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

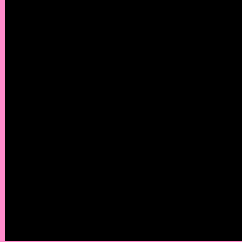
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3758, 0.3654, 0.2636

Background



This preview shows how black text looks on a background with the Yxy color 44.3758, 0.3654, 0.2636.



This preview shows how white text looks on a background with the Yxy color 44.3758, 0.3654, 0.2636.

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

44.3758, 0.3654, 0.2636

Protanopia

44.7071, 0.2654, 0.2626

Deuteranopia

44.4035, 0.3038, 0.2972



Tritanopia

44.3570, 0.4045, 0.3175

Trichromacy



Original Color

44.3758, 0.3654, 0.2636



Protanomaly

43.3675, 0.2967, 0.2610



Deuteranomaly

43.5088, 0.3250, 0.2826



Tritanomaly

44.3878, 0.3904, 0.2975

Monochromacy



Original Color

44.3758, 0.3654, 0.2636



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.9104, 0.3314, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3758, 0.3654, 0.2636 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, 140, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 204)  
}
```

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, 140, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 204) }
```

Border

The CSS property to change the border of an element to Yxy 44.3758, 0.3654, 0.2636 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, 140, 204) }
```

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

```
.border{ border-color:rgb(255, 140, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 140, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3758, 0.3654, 0.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 204) }
```

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

```
.background{ background-color: rgb(255,  
140, 204) }
```

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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