

Converting Colors

$Yxy(68.3935, 0.4466, 0.2823)$

Have a look what the booklet for
Yxy(68.3935, 0.4466, 0.2823)
contains.

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Color

Yxy(44.4724, 0.3634, 0.2617)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CCE
RGB	255, 140, 206
RGB Percent	100%, 55%, 81%
CMY	0.0000, 0.4509, 0.1922
CMYK	0.00, 0.45, 0.19, 0.00
HSL	326°, 100%, 77%
HSV	326°, 45%, 100%
XYZ	61.7549, 44.4724, 63.7092
YIQ	181.9090, 47.3540, 44.9060

Conversions

Conversions Part 2

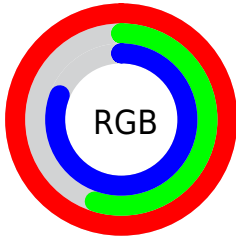
Format	Color
R _Y B	255, 140, 206
Decimal	16747726
CIE Lab	72.54, 51.41, -14.62
CIE LCh	73, 53.447, 344.125
Yxy	44.4724, 0.3634, 0.2617
Android (android.graphics.Color)	4294937806 (0xFFFF8CCE)
YUV	181.9090, 11.8769, 64.1008
Hunter-Lab	66.6876, 48.5935, -9.9606

Details

The Yxy color $44.4724, 0.3634, 0.2617$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $80.7682, 0.2826, 0.4093$, and the grayscale version is $46.6437, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.9599, 0.3154, 0.2712$, and $20.6583, 0.3761, 0.2447$ is the 20% darker color. If you saturate the color by 10%, you get $37.3552, 0.3801, 0.2483$, and if you desaturate by 10%, it is $53.3568, 0.3488, 0.2765$.

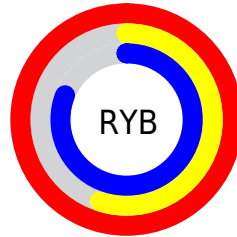
Distribution



Red (100%)

Green (55%)

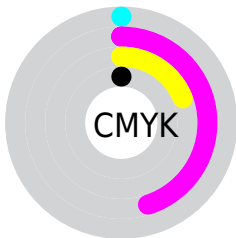
Blue (81%)



Red (100%)

Yellow (55%)

Blue (81%)

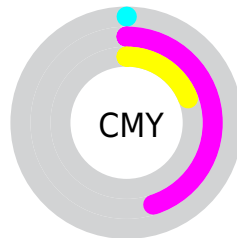


Cyan (0%)

Magenta (45%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4724, 0.3634, 0.2617 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 44.4724, 0.3634, 0.2617 by changing the saturation by 10% instead.

 44.4724, 0.3634,
0.2617

 44.4724, 0.3634,
0.2617

364.6325, 0.3389,
0.2937

 31.0421, 0.3693,
0.2542


 81.9281, 0.3547,
0.2729

 20.6309, 0.3767,
0.2449


 106.7223, 0.3513,
0.2773

 12.8545, 0.3863,
0.2330


136.0732, 0.3485,
0.2810

 7.3284, 0.3992,
0.2173

170.3652, 0.3460,
0.2842

 3.6683, 0.4175,
0.1957

209.9828, 0.3439,
0.2870

 1.4898, 0.4452,
0.1643

255.3103, 0.3420,

 0.2815, 0.5096,

0.2895

0.0833

306.7321, 0.3403,
0.2917

■ 0.0000, 0.7924,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.4724, 0.3634,
0.2617

■ 44.4724, 0.3634,
0.2617

■ 37.3552, 0.3801,
0.2483

■ 53.3568, 0.3488,
0.2765

■ 31.8770, 0.3986,
0.2376

■ 64.1121, 0.3362,
0.2919

■ 27.9029, 0.4185,
0.2307

■ 76.8414, 0.3256,
0.3072

■ 25.2727, 0.4389,
0.2287

■ 91.6385, 0.3167,
0.3218

■ 23.7895, 0.4588,
0.2322

99.9989, 0.3127,
0.3290

■ 23.3434, 0.4684,
0.2354

Harmonies

Analogous

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



44.4724, 0.2862, 0.2278



44.4724, 0.3634, 0.2617



44.4724, 0.4318, 0.3100

Triad

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



44.4724, 0.3634, 0.2617



44.4724, 0.3946, 0.4608



44.4724, 0.1827, 0.2641

Complementary

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



44.4724, 0.3634, 0.2617



80.7682, 0.2826, 0.4093

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.



44.4724, 0.2041, 0.3327



44.4724, 0.3634, 0.2617



44.4724, 0.3241, 0.4639

Square

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



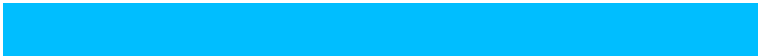
44.4724, 0.3634, 0.2617



44.4724, 0.4467, 0.4199



44.4724, 0.2544, 0.4131



44.4724, 0.1901, 0.2249

Rectangle

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



44.4724, 0.3634, 0.2617



44.4724, 0.4577, 0.3465



44.4724, 0.2544, 0.4131



44.4724, 0.1865, 0.2840

Sweetspot

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



44.4745, 0.3634, 0.2617



78.3580, 0.3245, 0.3088



36.6615, 0.2617, 0.1993



16.1368, 0.3266, 0.3056



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.



44.4745, 0.3634, 0.2617



38.0519, 0.3782, 0.2497



42.2082, 0.4244, 0.3193



18.1618, 0.3204, 0.3154



12.2286, 0.4653, 0.2337



1.2125, 0.4442, 0.2221

Inverse Universe

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



44.4745, 0.3634, 0.2617



38.0519, 0.3782, 0.2497



83.7107, 0.2562, 0.3398



18.1618, 0.3204, 0.3154



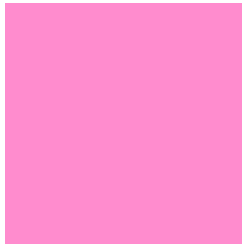
12.2286, 0.4653, 0.2337



1.2125, 0.4442, 0.2221

Previews

White Background



This preview shows how the Yxy color 44.4724, 0.3634, 0.2617 looks on a white background.

Color Contrast Check

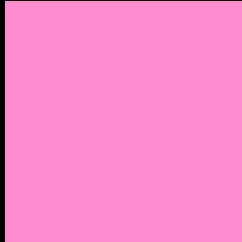
Large Text (above 18pt) WCAG AA × Fail

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 44.4724, 0.3634, 0.2617 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 44.4724, 0.3634, 0.2617

Background



This preview shows how black text looks on a background with the Yxy color 44.4724, 0.3634, 0.2617.



This preview shows how white text looks on a background with the Yxy color 44.4724, 0.3634, 0.2617.

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

44.4724, 0.3634, 0.2617

Protanopia

44.7127, 0.2634, 0.2602

Deuteranopia

44.7565, 0.3014, 0.2960



Tritanopia

44.3570, 0.4045, 0.3175

Trichromacy



Original Color

44.4724, 0.3634, 0.2617



Protanomaly

43.3386, 0.2943, 0.2587



Deuteranomaly

43.8066, 0.3222, 0.2814



Tritanomaly

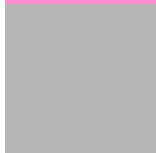
44.4275, 0.3894, 0.2964

Monochromacy



Original Color

44.4724, 0.3634, 0.2617



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.9543, 0.3305, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4724, 0.3634, 0.2617 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 206) }
```

Border

The CSS property to change the border of an element to Yxy 44.4724, 0.3634, 0.2617 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, 206) }
```

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

```
.border{ border-color:rgb(255, 140, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4724, 0.3634, 0.2617 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
140, 206) }
```

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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