

Converting Colors

Yxy(41.2534, 0.3691, 0.2546)

Have a look what the booklet for
Yxy(41.2534, 0.3691, 0.2546)
contains.

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Color

Yxy(41.2248, 0.3696, 0.2550)

Conversions

Conversions Part 1

Format	Color
Hex	FF81CA
RGB	255, 129, 202
RGB Percent	100%, 51%, 79%
CMY	0.0000, 0.4941, 0.2078
CMYK	0.00, 0.49, 0.21, 0.00
HSL	325°, 100%, 75%
HSV	325°, 49%, 100%
XYZ	59.7517, 41.2248, 60.6894
YIQ	174.9960, 51.6630, 49.4150

Conversions

Conversions Part 2

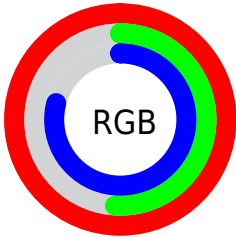
Format	Color
R _Y B	255, 129, 202
Decimal	16744906
CIE _{Lab}	70.33, 56.20, -15.74
CIE _{LCh}	70, 58.364, 344.350
Yxy	41.2248, 0.3696, 0.2550
Android (android.graphics.Color)	4294934986 (0xFFFF81CA)
YUV	174.9960, 13.3130, 70.1635
Hunter-Lab	64.2065, 53.7537, -11.0976

Details

The Yxy color **41.2248, 0.3696, 0.2550** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.5649, 0.2809, 0.4196**, and the grayscale version is **42.7788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1779, 0.3159, 0.2604**, and **18.7714, 0.3851, 0.2365** is the 20% darker color. If you saturate the color by 10%, you get **34.8354, 0.3869, 0.2425**, and if you desaturate by 10%, it is **49.3290, 0.3543, 0.2695**.

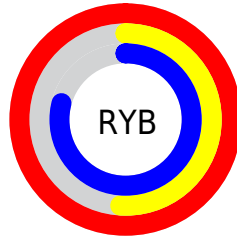
Distribution



Red (100%)

Green (51%)

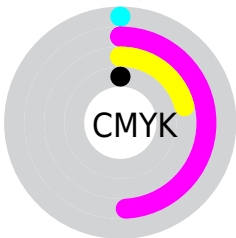
Blue (79%)



Red (100%)

Yellow (51%)

Blue (79%)

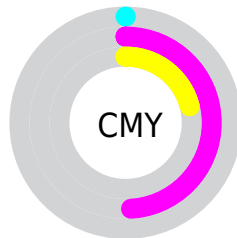


Cyan (0%)

Magenta (49%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2248, 0.3696, 0.2550 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 41.2248, 0.3696, 0.2550 by changing the saturation by 10% instead.


 41.2248, 0.3696,
0.2550

 41.2248, 0.3696,
0.2550


351.2593, 0.3418,
0.2903

 28.4948, 0.3763,
0.2467


 77.0250, 0.3597,
0.2675

 18.6990, 0.3848,
0.2363


 100.8640, 0.3559,
0.2723

 11.4530, 0.3959,
0.2230


 129.1748, 0.3527,
0.2764

 6.3724, 0.4108,
0.2054

162.3418, 0.3499,
0.2799

 3.0728, 0.4322,
0.1812

200.7493, 0.3475,
0.2830

 1.1699, 0.4647,
0.1463

244.7818, 0.3454,

 0.0369, 0.5648,

0.2857

0.0135

294.8237, 0.3435,
0.2882

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.2248, 0.3696,
0.2550

41.2248, 0.3696,
0.2550

34.8354, 0.3869,
0.2425

49.3290, 0.3543,
0.2695

30.0276, 0.4057,
0.2331

59.2572, 0.3410,
0.2848

26.6573, 0.4256,
0.2281

71.1159, 0.3297,
0.3003

24.5511, 0.4455,
0.2284

85.0019, 0.3202,
0.3155

■ 23.4429, 0.4648,
0.2337

100.0000, 0.3127,
0.3290

■ 23.3902, 0.4660,
0.2341

Harmonies

Analogous

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



41.2248, 0.2833, 0.2181



41.2248, 0.3696, 0.2550



41.2248, 0.4465, 0.3073

Triad

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



41.2248, 0.3696, 0.2550



41.2248, 0.4012, 0.4754



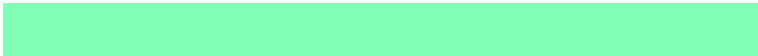
41.2248, 0.1698, 0.2553

Complementary

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



41.2248, 0.3696, 0.2550



79.5649, 0.2809, 0.4196

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.



41.2248, 0.1921, 0.3314



41.2248, 0.3696, 0.2550



41.2248, 0.3231, 0.4815

Square

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



41.2248, 0.3696, 0.2550



41.2248, 0.4602, 0.4276



41.2248, 0.2464, 0.4237



41.2248, 0.1783, 0.2136

Rectangle

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



41.2248, 0.3696, 0.2550



41.2248, 0.4749, 0.3468



41.2248, 0.2464, 0.4237



41.2248, 0.1737, 0.2770

Sweetspot

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



41.2266, 0.3696, 0.2550



76.9837, 0.3253, 0.3071



32.8067, 0.2555, 0.1859



15.8666, 0.3274, 0.3039



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.



41.2266, 0.3696, 0.2550



35.0652, 0.3861, 0.2429



38.8409, 0.4412, 0.3186



18.1636, 0.3203, 0.3153



12.2524, 0.4629, 0.2324



1.2148, 0.4422, 0.2210

Inverse Universe

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



41.2266, 0.3696, 0.2550



35.0652, 0.3861, 0.2429



82.7497, 0.2522, 0.3410



18.1636, 0.3203, 0.3153



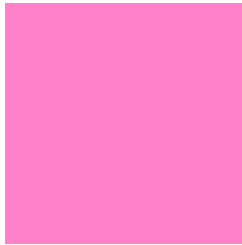
12.2524, 0.4629, 0.2324



1.2148, 0.4422, 0.2210

Previews

White Background



This preview shows how the Yxy color 41.2248, 0.3696, 0.2550 looks on a white background.

Color Contrast Check

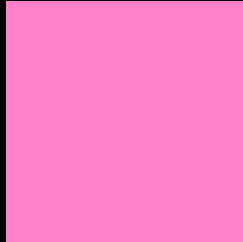
Large Text (above 18pt) WCAG AA × Fail

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 41.2248, 0.3696, 0.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

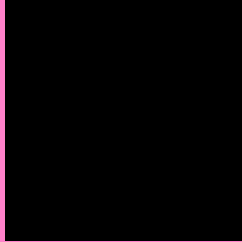
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2248, 0.3696, 0.2550

Background



This preview shows how black text looks on a background with the Yxy color 41.2248, 0.3696, 0.2550.



This preview shows how white text looks on a background with the Yxy color 41.2248, 0.3696, 0.2550.

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

41.2248, 0.3696, 0.2550

Protanopia

41.4875, 0.2562, 0.2512

Deuteranopia

41.4104, 0.2993, 0.2936



Tritanopia

41.2822, 0.4192, 0.3187

Trichromacy



Original Color

41.2248, 0.3696, 0.2550

Protanomaly

39.6864, 0.2906, 0.2500

Deuteranomaly

40.3102, 0.3228, 0.2757

Tritanomaly

41.1683, 0.4014, 0.2945

Monochromacy



Original Color

41.2248, 0.3696, 0.2550

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

40.7939, 0.3324, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2248, 0.3696, 0.2550 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, 129, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 202)  
}
```

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, 129, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 202) }
```

Border

The CSS property to change the border of an element to Yxy 41.2248, 0.3696, 0.2550 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, 129, 202) }
```

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

```
.border{ border-color:rgb(255, 129, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2248, 0.3696, 0.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 202) }
```

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

```
.background{ background-color: rgb(255,  
129, 202) }
```

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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