

Converting Colors

$Yxy(99.1397, 0.5181, 0.2994)$

Have a look what the booklet for
Yxy(99.1397, 0.5181, 0.2994)
contains.

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Color

Yxy(41.0755, 0.3792, 0.2647)

Conversions

Conversions Part 1

Format	Color
Hex	FF82C1
RGB	255, 130, 193
RGB Percent	100%, 51%, 76%
CMY	0.0000, 0.4901, 0.2433
CMYK	0.00, 0.49, 0.24, 0.00
HSL	330°, 100%, 75%
HSV	330°, 49%, 100%
XYZ	58.8433, 41.0755, 55.2587
YIQ	174.5570, 54.2770, 46.0930

Conversions

Conversions Part 2

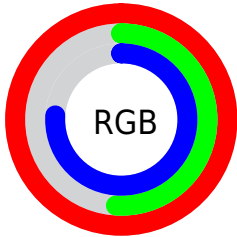
Format	Color
R_{YB}	255, 130, 193
Decimal	16745153
CIE _{Lab}	70.23, 54.47, -10.86
CIE _{LCh}	70, 55.540, 348.724
Yxy	41.0755, 0.3792, 0.2647
Android (android.graphics.Color)	4294935233 (0xFFFF82C1)
YUV	174.5570, 9.0924, 70.5485
Hunter-Lab	64.0902, 51.7290, -6.2569

Details

The Yxy color **41.0755, 0.3792, 0.2647** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.0710, 0.2765, 0.4064**, and the grayscale version is **42.5621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2174, 0.3203, 0.2668**, and **18.6320, 0.3991, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **34.5721, 0.4001, 0.2538**, and if you desaturate by 10%, it is **49.3118, 0.3609, 0.2774**.

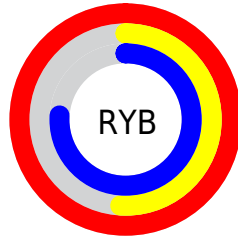
Distribution



Red (100%)

Green (51%)

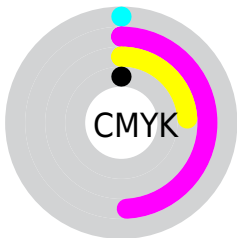
Blue (76%)



Red (100%)

Yellow (51%)

Blue (76%)

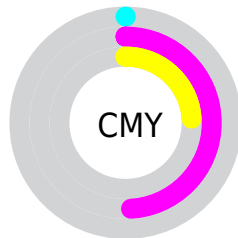


Cyan (0%)

Magenta (49%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0755, 0.3792, 0.2647 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 41.0755, 0.3792, 0.2647 by changing the saturation by 10% instead.


 41.0755, 0.3792,
0.2647


 41.0755, 0.3792,
0.2647


350.6361, 0.3462,
0.2959

 28.3781, 0.3874,
0.2572


 76.7985, 0.3673,
0.2758

 18.6109, 0.3978,
0.2478


 100.5929, 0.3628,
0.2800

 11.3894, 0.4115,
0.2357


 128.8550, 0.3589,
0.2836

 6.3294, 0.4304,
0.2193

161.9693, 0.3557,
0.2868

 3.0464, 0.4579,
0.1963

200.3202, 0.3528,
0.2895

 1.1560, 0.5013,
0.1621

244.2920, 0.3503,

 0.0253, 0.6433,

0.2919

0.0111

294.2692, 0.3481,
0.2940

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.0755, 0.3792,
0.2647

■ 41.0755, 0.3792,
0.2647

■ 34.5721, 0.4001,
0.2538

■ 49.3118, 0.3609,
0.2774

■ 29.6678, 0.4233,
0.2459

■ 59.3897, 0.3452,
0.2910

■ 26.2192, 0.4478,
0.2424

■ 71.4159, 0.3320,
0.3045

■ 24.0536, 0.4726,
0.2441

■ 85.4873, 0.3210,
0.3177

■ 22.9169, 0.4962,
0.2512

99.9988, 0.3127,
0.3290

■ 22.8288, 0.4985,
0.2520

Harmonies

Analogous

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



41.0755, 0.2962, 0.2264



41.0755, 0.3792, 0.2647



41.0755, 0.4480, 0.3169

Triad

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



41.0755, 0.3792, 0.2647



41.0755, 0.3880, 0.4730



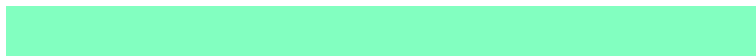
41.0755, 0.1748, 0.2510

Complementary

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



41.0755, 0.3792, 0.2647



80.0710, 0.2765, 0.4064

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.



41.0755, 0.1921, 0.3194



41.0755, 0.3792, 0.2647



41.0755, 0.3120, 0.4693

Square

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



41.0755, 0.3792, 0.2647



41.0755, 0.4480, 0.4323



41.0755, 0.2404, 0.4068



41.0755, 0.1871, 0.2152

Rectangle

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



41.0755, 0.3792, 0.2647



41.0755, 0.4704, 0.3555



41.0755, 0.2404, 0.4068



41.0755, 0.1771, 0.2703

Sweetspot

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



41.0775, 0.3792, 0.2647



76.8140, 0.3273, 0.3099



34.1912, 0.2628, 0.1897



15.8257, 0.3297, 0.3071



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.



41.0775, 0.3792, 0.2647



34.5804, 0.4001, 0.2538



38.8975, 0.4493, 0.3273



18.1397, 0.3215, 0.3171



11.9594, 0.4949, 0.2500



1.1865, 0.4696, 0.2361

Inverse Universe

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



41.0775, 0.3792, 0.2647



34.5804, 0.4001, 0.2538



83.3494, 0.2491, 0.3312



18.1397, 0.3215, 0.3171



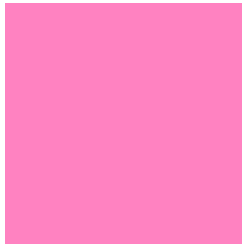
11.9594, 0.4949, 0.2500



1.1865, 0.4696, 0.2361

Previews

White Background



This preview shows how the Yxy color 41.0755, 0.3792, 0.2647 looks on a white background.

Color Contrast Check

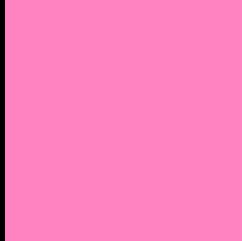
Large Text (above 18pt) WCAG AA × Fail

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 41.0755, 0.3792, 0.2647 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 41.0755, 0.3792, 0.2647

Background



This preview shows how black text looks on a background with the Yxy color 41.0755, 0.3792, 0.2647.



This preview shows how white text looks on a background with the Yxy color 41.0755, 0.3792, 0.2647.

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

41.0755, 0.3792, 0.2647

Protanopia

41.2877, 0.2660, 0.2640

Deuteranopia

41.1704, 0.3094, 0.3027



Tritanopia

41.1444, 0.4217, 0.3187

Trichromacy



Original Color

41.0755, 0.3792, 0.2647



Protanomaly

39.5652, 0.3013, 0.2614



Deuteranomaly

40.3406, 0.3340, 0.2865



Tritanomaly

41.0204, 0.4059, 0.2987

Monochromacy



Original Color

41.0755, 0.3792, 0.2647



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.0110, 0.3351, 0.3004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0755, 0.3792, 0.2647 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, 130, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 193)  
}
```

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, 130, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 193) }
```

Border

The CSS property to change the border of an element to Yxy 41.0755, 0.3792, 0.2647 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, 130, 193) }
```

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

```
.border{ border-color:rgb(255, 130, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0755, 0.3792, 0.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 193) }
```

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

```
.background{ background-color: rgb(255,  
130, 193) }
```

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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