

Converting Colors

$Y_{xy}(47.0022, 0.3702, 0.2798)$

Have a look what the booklet for
Yxy(47.0022, 0.3702, 0.2798)
contains.

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Color

Yxy(47.1039, 0.3705, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	FF96C5
RGB	255, 150, 197
RGB Percent	100%, 59%, 77%
CMY	0.0000, 0.4119, 0.2274
CMYK	0.00, 0.41, 0.23, 0.00
HSL	333°, 100%, 79%
HSV	333°, 41%, 100%
XYZ	62.2396, 47.1039, 58.6447
YIQ	186.7530, 47.4930, 36.8770

Conversions

Conversions Part 2

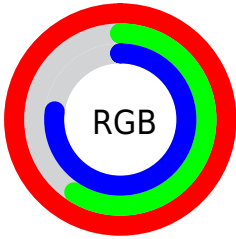
Format	Color
R_{YB}	255, 150, 197
Decimal	16750277
CIE _{Lab}	74.26, 45.15, -7.11
CIE _{LCh}	74, 45.711, 351.051
Yxy	47.1039, 0.3705, 0.2804
Android (android.graphics.Color)	4294940357 (0xFFFF96C5)
YUV	186.7530, 5.0518, 59.8526
Hunter-Lab	68.6323, 41.7674, -2.6193

Details

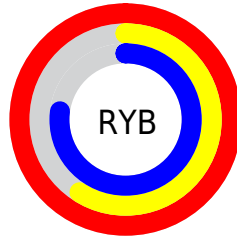
The Yxy color $47.1039, 0.3705, 0.2804$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $82.5535, 0.2781, 0.3845$, and the grayscale version is $49.4899, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.5584, 0.3156, 0.2821$, and $22.2683, 0.3861, 0.2687$ is the 20% darker color. If you saturate the color by 10%, you get $39.2108, 0.3918, 0.2693$, and if you desaturate by 10%, it is $56.8128, 0.3522, 0.2924$.

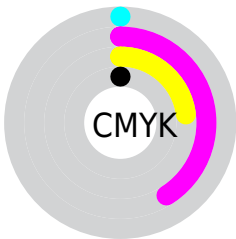
Distribution



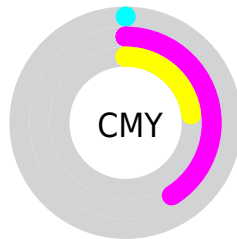
- Red (100%)
- Green (59%)
- Blue (77%)



- Red (100%)
- Yellow (59%)
- Blue (77%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1039, 0.3705, 0.2804 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 47.1039, 0.3705, 0.2804 by changing the saturation by 10% instead.


 47.1039, 0.3705,
0.2804

 47.1039, 0.3705,
0.2804


375.2291, 0.3421,
0.3038

 33.1178, 0.3774,
0.2748


 85.8687, 0.3603,
0.2887

 22.2167, 0.3862,
0.2678


 111.4162, 0.3564,
0.2919

 14.0162, 0.3977,
0.2587


141.5862, 0.3532,
0.2946

 8.1319, 0.4135,
0.2465


176.7633, 0.3503,
0.2970

 4.1795, 0.4362,
0.2293

217.3317, 0.3479,
0.2990

 1.7745, 0.4717,
0.2034

263.6759, 0.3457,

 0.4712, 0.5439,

0.3008

0.1450

316.1802, 0.3438,
0.3024

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.1039, 0.3705,
0.2804

47.1039, 0.3705,
0.2804

39.2108, 0.3918,
0.2693

56.8128, 0.3522,
0.2924

33.0382, 0.4163,
0.2603

68.4670, 0.3369,
0.3046

28.4469, 0.4432,
0.2545

82.1579, 0.3243,
0.3165

25.2861, 0.4715,
0.2532

97.9775, 0.3138,
0.3277

■ 23.3747, 0.4994,
0.2575

100.0000, 0.3127,
0.3290

■ 22.4799, 0.5225,
0.2652

Harmonies

Analogous

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



47.1039, 0.3054, 0.2472



47.1039, 0.3705, 0.2804



47.1039, 0.4219, 0.3249

Triad

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



47.1039, 0.3705, 0.2804



47.1039, 0.3709, 0.4441



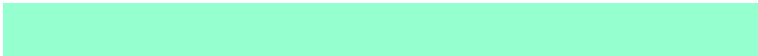
47.1039, 0.2001, 0.2650

Complementary

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



47.1039, 0.3705, 0.2804



82.5535, 0.2781, 0.3845

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.



47.1039, 0.2135, 0.3183



47.1039, 0.3705, 0.2804



47.1039, 0.3096, 0.4342

Square

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



47.1039, 0.3705, 0.2804



47.1039, 0.4194, 0.4179



47.1039, 0.2522, 0.3842



47.1039, 0.2122, 0.2360

Rectangle

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



47.1039, 0.3705, 0.2804



47.1039, 0.4381, 0.3573



47.1039, 0.2522, 0.3842



47.1039, 0.2017, 0.2803

Sweetspot

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



47.0965, 0.3705, 0.2804



80.9659, 0.3252, 0.3155



42.3965, 0.2784, 0.2150



16.9266, 0.3267, 0.3140



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.



47.0965, 0.3705, 0.2804



40.7845, 0.3869, 0.2716



46.9790, 0.4170, 0.3348



18.1223, 0.3224, 0.3184



11.7753, 0.5185, 0.2630



1.1681, 0.4904, 0.2475

Inverse Universe

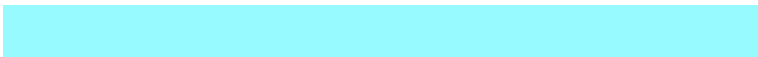
The Inverse Universe completely reimagines the original color for something new.



47.0965, 0.3705, 0.2804



40.7845, 0.3869, 0.2716



81.9167, 0.2552, 0.3229



18.1223, 0.3224, 0.3184



11.7753, 0.5185, 0.2630



1.1681, 0.4904, 0.2475

Previews

White Background



This preview shows how the Yxy color 47.1039, 0.3705, 0.2804 looks on a white background.

Color Contrast Check

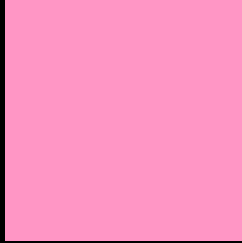
Large Text (above 18pt) WCAG AA × Fail

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 47.1039, 0.3705, 0.2804 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 47.1039, 0.3705, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 47.1039, 0.3705, 0.2804.



This preview shows how white text looks on a background with the Yxy color 47.1039, 0.3705, 0.2804.

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

47.1039, 0.3705, 0.2804

Protanopia

47.2876, 0.2819, 0.2839

Deuteranopia

47.5169, 0.3178, 0.3117



Tritanopia

46.9282, 0.3968, 0.3165

Trichromacy



Original Color

47.1039, 0.3705, 0.2804



Protanomaly

46.3817, 0.3106, 0.2815



Deuteranomaly

46.8057, 0.3359, 0.2986



Tritanomaly

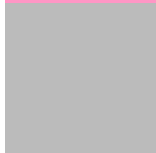
46.8795, 0.3871, 0.3028

Monochromacy



Original Color

47.1039, 0.3705, 0.2804



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

48.0307, 0.3323, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1039, 0.3705, 0.2804 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, 150, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 197)  
}
```

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, 150, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 197) }
```

Border

The CSS property to change the border of an element to Yxy 47.1039, 0.3705, 0.2804 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, 150, 197) }
```

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

```
.border{ border-color:rgb(255, 150, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1039, 0.3705, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 197) }
```

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

```
.background{ background-color: rgb(255,  
150, 197) }
```

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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