

Converting Colors

Yxy(50.2081, 0.3441, 0.2733)

Have a look what the booklet for
Yxy(50.2081, 0.3441, 0.2733)
contains.

Yxy(50.1189, 0.3450, 0.2734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.1189, 0.3450, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	F7A1D6
RGB	247, 161, 214
RGB Percent	97%, 63%, 84%
CMY	0.0313, 0.3686, 0.1608
CMYK	0.00, 0.35, 0.13, 0.03
HSL	323°, 84%, 80%
HSV	323°, 35%, 97%
XYZ	63.2444, 50.1189, 69.9538
YIQ	192.7560, 34.2430, 34.7150

Conversions

Conversions Part 2

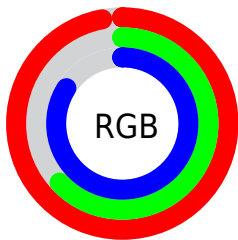
Format	Color
RYB	247, 161, 214
Decimal	16228822
CIELab	76.14, 39.35, -13.71
CIELCh	76, 41.669, 340.790
Yxy	50.1189, 0.3450, 0.2734
Android (android.graphics.Color)	4294418902 (0xFFF7A1D6)
YUV	192.7560, 10.4733, 47.5720
Hunter-Lab	70.7947, 35.5721, -9.0295

Details

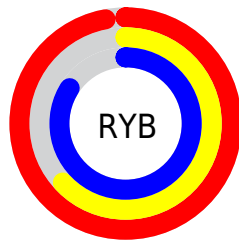
The Yxy color **50.1189, 0.3450, 0.2734** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.0066, 0.2903, 0.3924**, and the grayscale version is **53.1014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **24.0471, 0.3530, 0.2603** is the 20% darker color. If you saturate the color by 10%, you get **41.8535, 0.3580, 0.2576**, and if you desaturate by 10%, it is **60.1224, 0.3338, 0.2898**.

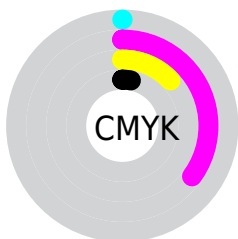
Distribution



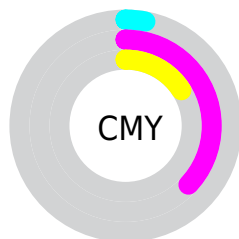
- Red (97%)
- Green (63%)
- Blue (84%)



- Red (97%)
- Yellow (63%)
- Blue (84%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1189, 0.3450, 0.2734 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 50.1189, 0.3450, 0.2734 by changing the saturation by 10% instead.


 50.1189, 0.3450,
0.2734


 50.1189, 0.3450,
0.2734


387.1307, 0.3297,
0.2995

 35.5079, 0.3486,
0.2673


 90.3510, 0.3396,
0.2825

 24.0544, 0.3531,
0.2598


 116.7409, 0.3375,
0.2861

 15.3740, 0.3588,
0.2502


147.8259, 0.3358,
0.2891

 9.0823, 0.3664,
0.2376

183.9903, 0.3342,
0.2917

 4.7949, 0.3770,
0.2202

225.6186, 0.3329,
0.2941

 2.1274, 0.3926,
0.1951

273.0952, 0.3317,

 0.6800, 0.4191,

0.2961

0.1530

326.8044, 0.3306,
0.2979

0.0000, 0.5292,
0.0000

0.0000, 0.0000,
0.0000

50.1189, 0.3450,
0.2734

50.1189, 0.3450,
0.2734

41.8535, 0.3580,
0.2576

60.1224, 0.3338,
0.2898

35.2178, 0.3727,
0.2432

71.9502, 0.3242,
0.3060

30.1023, 0.3890,
0.2315

85.6910, 0.3161,
0.3217

26.3805, 0.4063,
0.2236

98.3215, 0.3095,
0.3320

■ 23.9057, 0.4240,
0.2205

■ 98.5178, 0.3078,
0.3290

■ 22.4976, 0.4415,
0.2227

■ 22.0507, 0.4503,
0.2254

Harmonies

Analogous

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



50.1189, 0.2874, 0.2479



50.1189, 0.3450, 0.2734



50.1189, 0.3972, 0.3113

Triad

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



50.1189, 0.3450, 0.2734



50.1189, 0.3826, 0.4272



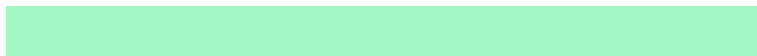
50.1189, 0.2124, 0.2864

Complementary

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



50.1189, 0.3450, 0.2734



78.0066, 0.2903, 0.3924

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.



50.1189, 0.2330, 0.3398



50.1189, 0.3450, 0.2734



50.1189, 0.3299, 0.4294

Square

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



50.1189, 0.3450, 0.2734



50.1189, 0.4183, 0.3975



50.1189, 0.2752, 0.3959



50.1189, 0.2155, 0.2519

Rectangle

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



50.1189, 0.3450, 0.2734



50.1189, 0.4191, 0.3404



50.1189, 0.2752, 0.3959



50.1189, 0.2166, 0.3026

Sweetspot

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



50.1212, 0.3450, 0.2734



84.1811, 0.3201, 0.3137



43.6711, 0.2737, 0.2309



17.5789, 0.3213, 0.3115



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.



50.1212, 0.3450, 0.2734



47.2574, 0.3542, 0.2618



48.2080, 0.3860, 0.3183



16.6542, 0.3197, 0.3145



11.6884, 0.4476, 0.2239



1.0473, 0.4274, 0.2128

Inverse Universe

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



50.1212, 0.3450, 0.2734



47.2574, 0.3542, 0.2618



80.2239, 0.2683, 0.3403



16.6542, 0.3197, 0.3145



11.6884, 0.4476, 0.2239



1.0473, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 50.1189, 0.3450, 0.2734 looks on a white background.

Color Contrast Check

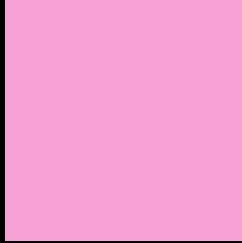
Large Text (above 18pt) WCAG AA × Fail

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 50.1189, 0.3450, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

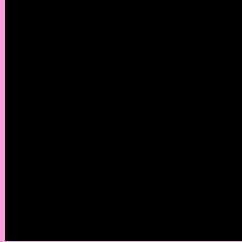
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1189, 0.3450, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 50.1189, 0.3450, 0.2734.



This preview shows how white text looks on a background with the Yxy color 50.1189, 0.3450, 0.2734.

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

50.1189, 0.3450, 0.2734

Protanopia

50.3523, 0.2746, 0.2746

Deuteranopia

50.2559, 0.3027, 0.2964



Tritanopia

49.9874, 0.3718, 0.3149

Trichromacy



Original Color

50.1189, 0.3450, 0.2734



Protanomaly

49.5770, 0.2972, 0.2732



Deuteranomaly

49.8102, 0.3181, 0.2875



Tritanomaly

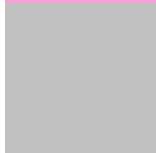
49.9491, 0.3619, 0.2999

Monochromacy



Original Color

50.1189, 0.3450, 0.2734



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.4109, 0.3240, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1189, 0.3450, 0.2734 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(247, 161, 214)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 214)  
}
```

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(247, 161, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 214) }
```

Border

The CSS property to change the border of an element to Yxy 50.1189, 0.3450, 0.2734 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(247, 161, 214) }
```

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

```
.border{ border-color:rgb(247, 161, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 161, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 214);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1189, 0.3450, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 214) }
```

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

```
.background{ background-color: rgb(247,  
161, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor