

Converting Colors

$Y_{xy}(48.2781, 0.3637, 0.2788)$

Have a look what the booklet for
Yxy(48.2781, 0.3637, 0.2788)
contains.

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Color

Yxy(48.4463, 0.3638, 0.2793)

Conversions

Conversions Part 1

Format	Color
Hex	FE9ACA
RGB	254, 154, 202
RGB Percent	100%, 60%, 79%
CMY	0.0037, 0.3962, 0.2078
CMYK	0.00, 0.39, 0.20, 0.00
HSL	331°, 98%, 80%
HSV	331°, 39%, 100%
XYZ	63.1033, 48.4463, 61.9065
YIQ	189.3720, 44.1920, 36.1280

Conversions

Conversions Part 2

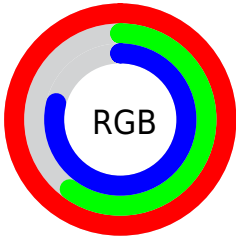
Format	Color
R_{YB}	254, 154, 202
Decimal	16685770
CIE _{Lab}	75.11, 43.49, -8.61
CIE _{LCh}	75, 44.336, 348.804
Yxy	48.4463, 0.3638, 0.2793
Android (android.graphics.Color)	4294875850 (0xFFFE9ACA)
YUV	189.3720, 6.2256, 56.6788
Hunter-Lab	69.6034, 40.0246, -4.0112

Details

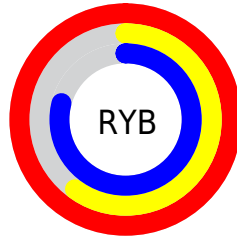
The Yxy color **48.4463, 0.3638, 0.2793** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.2402, 0.2810, 0.3856**, and the grayscale version is **51.0582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5732, 0.3148, 0.2851**, and **23.0476, 0.3766, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **40.3336, 0.3832, 0.2672**, and if you desaturate by 10%, it is **58.3915, 0.3472, 0.2922**.

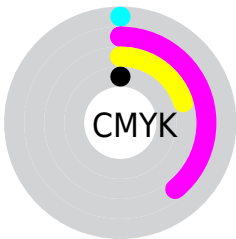
Distribution



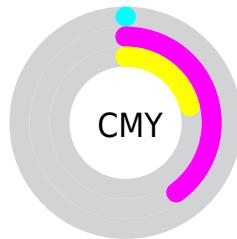
- Red (100%)
- Green (60%)
- Blue (79%)



- Red (100%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4463, 0.3638, 0.2793 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 48.4463, 0.3638, 0.2793 by changing the saturation by 10% instead.


 48.4463, 0.3638,
0.2793

 48.4463, 0.3638,
0.2793


380.5584, 0.3389,
0.3031

 34.1805, 0.3698,
0.2737


 87.8685, 0.3549,
0.2877

 23.0323, 0.3774,
0.2667

 113.7937, 0.3515,
0.2909

 14.6173, 0.3873,
0.2576


144.3741, 0.3486,
0.2937

 8.5513, 0.4008,
0.2456

179.9941, 0.3462,
0.2960

 4.4497, 0.4200,
0.2287

221.0382, 0.3440,
0.2981

 1.9281, 0.4497,
0.2037

267.8907, 0.3421,

 0.5652, 0.5059,

0.3000

0.1547

320.9359, 0.3404,
0.3016

0.0000, 0.9787,
0.0000

0.0000, 0.0000,
0.0000

48.4463, 0.3638,
0.2793

48.4463, 0.3638,
0.2793

40.3336, 0.3832,
0.2672

58.3915, 0.3472,
0.2922

33.9322, 0.4055,
0.2569

70.2666, 0.3333,
0.3052

29.1172, 0.4301,
0.2497

84.1703, 0.3217,
0.3178

25.7433, 0.4562,
0.2469

99.8109, 0.3122,
0.3291

■ 23.6381, 0.4824, 99.8202, 0.3121,
0.2494 0.3290

■ 22.5373, 0.5072,
0.2571

■ 22.4837, 0.5087,
0.2576

Harmonies

Analogous

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



48.4463, 0.3012, 0.2481



48.4463, 0.3638, 0.2793



48.4463, 0.4149, 0.3219

Triad

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



48.4463, 0.3638, 0.2793



48.4463, 0.3732, 0.4388



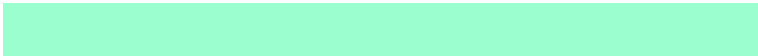
48.4463, 0.2041, 0.2707

Complementary

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



48.4463, 0.3638, 0.2793



82.2402, 0.2810, 0.3856

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.



48.4463, 0.2191, 0.3235



48.4463, 0.3638, 0.2793



48.4463, 0.3145, 0.4318

Square

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



48.4463, 0.3638, 0.2793



48.4463, 0.4181, 0.4122



48.4463, 0.2583, 0.3864



48.4463, 0.2140, 0.2406

Rectangle

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



48.4463, 0.3638, 0.2793



48.4463, 0.4323, 0.3532



48.4463, 0.2583, 0.3864



48.4463, 0.2063, 0.2861

Sweetspot

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



48.4486, 0.3638, 0.2793



81.0237, 0.3245, 0.3146



43.3389, 0.2776, 0.2195



16.9402, 0.3260, 0.3129



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.



48.4486, 0.3638, 0.2793



42.4655, 0.3783, 0.2700



47.0706, 0.4118, 0.3311



18.1323, 0.3219, 0.3176



11.8779, 0.5050, 0.2555



1.1784, 0.4784, 0.2409

Inverse Universe

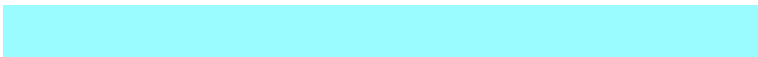
The Inverse Universe completely reimagines the original color for something new.



48.4486, 0.3638, 0.2793



42.4655, 0.3783, 0.2700



83.8877, 0.2578, 0.3270



18.1323, 0.3219, 0.3176



11.8779, 0.5050, 0.2555



1.1784, 0.4784, 0.2409

Previews

White Background



This preview shows how the Yxy color 48.4463, 0.3638, 0.2793 looks on a white background.

Color Contrast Check

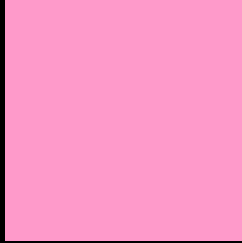
Large Text (above 18pt) WCAG AA × Fail

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 48.4463, 0.3638, 0.2793 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 48.4463, 0.3638, 0.2793

Background



This preview shows how black text looks on a background with the Yxy color 48.4463, 0.3638, 0.2793.



This preview shows how white text looks on a background with the Yxy color 48.4463, 0.3638, 0.2793.

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

48.4463, 0.3638, 0.2793

Protanopia

48.9664, 0.2809, 0.2833

Deuteranopia

48.6795, 0.3145, 0.3082



Tritanopia

48.6294, 0.3891, 0.3164

Trichromacy



Original Color

48.4463, 0.3638, 0.2793



Protanomaly

47.8640, 0.3081, 0.2807



Deuteranomaly

48.1548, 0.3311, 0.2965



Tritanomaly

48.5681, 0.3797, 0.3027

Monochromacy



Original Color

48.4463, 0.3638, 0.2793



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.0918, 0.3304, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4463, 0.3638, 0.2793 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(254, 154, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 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(254, 154, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 202) }
```

Border

The CSS property to change the border of an element to Yxy 48.4463, 0.3638, 0.2793 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(254, 154, 202) }
```

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

```
.border{ border-color:rgb(254, 154, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 154, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4463, 0.3638, 0.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 202) }
```

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

```
.background{ background-color: rgb(254,  
154, 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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