

Converting Colors

$Yxy(48.6506, 0.3654, 0.2804)$

Have a look what the booklet for
Yxy(48.6506, 0.3654, 0.2804)
contains.

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Color

Yxy(48.5882, 0.3656, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	FF9AC9
RGB	255, 154, 201
RGB Percent	100%, 60%, 79%
CMY	0.0001, 0.3960, 0.2117
CMYK	0.00, 0.40, 0.21, 0.00
HSL	332°, 100%, 80%
HSV	332°, 40%, 100%
XYZ	63.3292, 48.5882, 61.3025
YIQ	189.5570, 45.1090, 36.0290

Conversions

Conversions Part 2

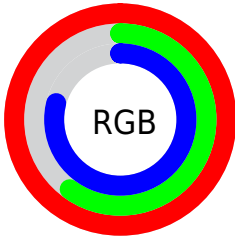
Format	Color
R_{YB}	255, 154, 201
Decimal	16751305
CIE _{Lab}	75.19, 43.63, -7.91
CIE _{LCh}	75, 44.341, 349.718
Yxy	48.5882, 0.3656, 0.2805
Android (android.graphics.Color)	4294941385 (0xFFFF9AC9)
YUV	189.5570, 5.6414, 57.3935
Hunter-Lab	69.7052, 40.1882, -3.3492

Details

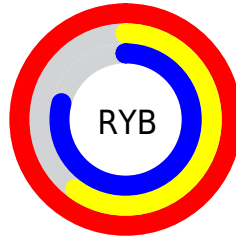
The Yxy color **48.5882, 0.3656, 0.2805** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.9240, 0.2801, 0.3841**, and the grayscale version is **51.1747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5732, 0.3148, 0.2851**, and **23.1497, 0.3792, 0.2686** is the 20% darker color. If you saturate the color by 10%, you get **40.4342, 0.3857, 0.2688**, and if you desaturate by 10%, it is **58.5910, 0.3485, 0.2930**.

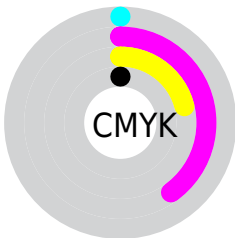
Distribution



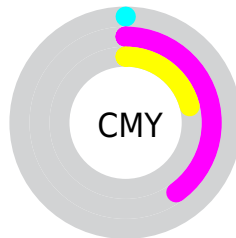
- Red (100%)
- Green (60%)
- Blue (79%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5882, 0.3656, 0.2805 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 48.5882, 0.3656, 0.2805 by changing the saturation by 10% instead.


 48.5882, 0.3656,
0.2805

 48.5882, 0.3656,
0.2805


381.1189, 0.3398,
0.3037

 34.2929, 0.3718,
0.2750


 88.0795, 0.3564,
0.2887

 23.1187, 0.3797,
0.2681


 114.0444, 0.3529,
0.2919

 14.6812, 0.3900,
0.2593

144.6679, 0.3499,
0.2945

 8.5959, 0.4040,
0.2474

180.3344, 0.3473,
0.2969

 4.4786, 0.4241,
0.2308

221.4284, 0.3451,
0.2989

 1.9447, 0.4551,
0.2061

268.3342, 0.3431,

 0.5751, 0.5136,

0.3007

0.1579

321.4362, 0.3414,
0.3023

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5882, 0.3656,
0.2805

■ 48.5882, 0.3656,
0.2805

■ 40.4342, 0.3857,
0.2688

■ 58.5910, 0.3485,
0.2930

■ 34.0066, 0.4088,
0.2589

■ 70.5413, 0.3341,
0.3057

■ 29.1788, 0.4343,
0.2521

■ 84.5389, 0.3222,
0.3179

■ 25.8036, 0.4614,
0.2497

■ 99.9935, 0.3127,
0.3290

■ 23.7061, 0.4884,
0.2526

■ 22.6136, 0.5140,
0.2607

■ 22.5775, 0.5150,
0.2611

Harmonies

Analogous

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



48.5882, 0.3031, 0.2489



48.5882, 0.3656, 0.2805



48.5882, 0.4159, 0.3233

Triad

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



48.5882, 0.3656, 0.2805



48.5882, 0.3715, 0.4391



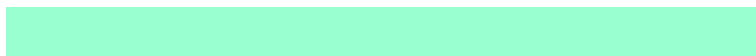
48.5882, 0.2041, 0.2695

Complementary

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



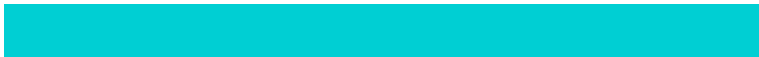
48.5882, 0.3656, 0.2805



82.9240, 0.2801, 0.3841

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.



48.5882, 0.2183, 0.3217



48.5882, 0.3656, 0.2805



48.5882, 0.3126, 0.4309

Square

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



48.5882, 0.3656, 0.2805



48.5882, 0.4170, 0.4133



48.5882, 0.2568, 0.3846



48.5882, 0.2147, 0.2401

Rectangle

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



48.5882, 0.3656, 0.2805



48.5882, 0.4326, 0.3546



48.5882, 0.2568, 0.3846



48.5882, 0.2060, 0.2846

Sweetspot

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



48.5905, 0.3656, 0.2805



80.9975, 0.3248, 0.3150



43.7271, 0.2787, 0.2193



16.9340, 0.3263, 0.3134



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.



48.5905, 0.3656, 0.2805



41.6246, 0.3823, 0.2706



47.8337, 0.4118, 0.3328



18.1278, 0.3221, 0.3180



11.8303, 0.5111, 0.2589



1.1737, 0.4838, 0.2439

Inverse Universe

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



48.5905, 0.3656, 0.2805



41.6246, 0.3823, 0.2706



83.4608, 0.2573, 0.3251



18.1278, 0.3221, 0.3180



11.8303, 0.5111, 0.2589



1.1737, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 48.5882, 0.3656, 0.2805 looks on a white background.

Color Contrast Check

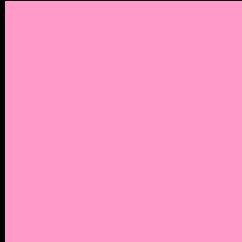
Large Text (above 18pt) WCAG AA × Fail

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 48.5882, 0.3656, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

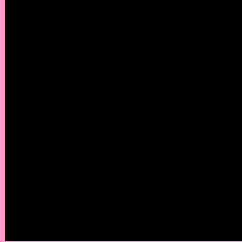
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5882, 0.3656, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 48.5882, 0.3656, 0.2805.



This preview shows how white text looks on a background with the Yxy color 48.5882, 0.3656, 0.2805.

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

48.5882, 0.3656, 0.2805

Protanopia

48.9133, 0.2816, 0.2845

Deuteranopia

48.7702, 0.3162, 0.3094



Tritanopia

48.4320, 0.3913, 0.3165

Trichromacy



Original Color

48.5882, 0.3656, 0.2805

Protanomaly

47.8130, 0.3089, 0.2819

Deuteranomaly

48.2631, 0.3329, 0.2977

Tritanomaly

48.3740, 0.3819, 0.3028

Monochromacy



Original Color

48.5882, 0.3656, 0.2805

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

49.6355, 0.3311, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5882, 0.3656, 0.2805 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, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 201)  
}
```

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, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 201) }
```

Border

The CSS property to change the border of an element to Yxy 48.5882, 0.3656, 0.2805 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, 154, 201) }
```

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

```
.border{ border-color:rgb(255, 154, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5882, 0.3656, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 201) }
```

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

```
.background{ background-color: rgb(255,  
154, 201) }
```

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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