

Converting Colors

$Yxy(76.6447, 0.4568, 0.3167)$

Have a look what the booklet for
Yxy(76.6447, 0.4568, 0.3167)
contains.

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Color

Yxy(52.7680, 0.3776, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8B9
RGB	255, 168, 185
RGB Percent	100%, 66%, 73%
CMY	0.0002, 0.3411, 0.2746
CMYK	0.00, 0.34, 0.27, 0.00
HSL	348°, 100%, 83%
HSV	348°, 34%, 100%
XYZ	63.9859, 52.7680, 52.7002
YIQ	195.9510, 46.3950, 23.7310

Conversions

Conversions Part 2

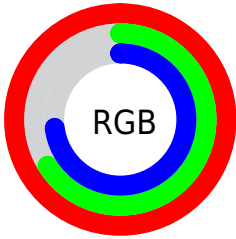
Format	Color
R _Y B	255, 168, 185
Decimal	16754873
CIE Lab	77.74, 34.17, 4.59
CIE LCh	78, 34.477, 7.647
Yxy	52.7680, 0.3776, 0.3114
Android (android.graphics.Color)	4294944953 (0xFFFFA8B9)
YUV	195.9510, -5.3988, 51.7860
Hunter-Lab	72.6416, 30.1078, 7.8352

Details

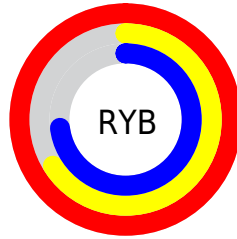
The Yxy color **52.7680, 0.3776, 0.3114** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9941, 0.2723, 0.3478**, and the grayscale version is **55.1843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9222, 0.3233, 0.3123**, and **25.7977, 0.3959, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **43.4544, 0.4069, 0.3063**, and if you desaturate by 10%, it is **64.0573, 0.3535, 0.3168**.

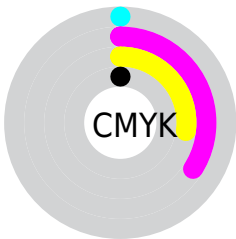
Distribution



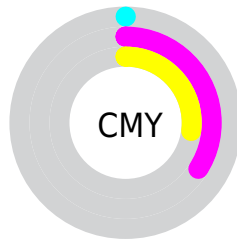
- Red (100%)
- Green (66%)
- Blue (73%)



- Red (100%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7680, 0.3776, 0.3114 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 52.7680, 0.3776, 0.3114 by changing the saturation by 10% instead.

 52.7680, 0.3776,
0.3114

 52.7680, 0.3776,
0.3114


397.3944, 0.3457,
0.3204

 37.6176, 0.3854,
0.3091

 94.2629, 0.3661,
0.3147

 25.6860, 0.3953,
0.3062


 121.3762, 0.3618,
0.3159

 16.5889, 0.4083,
0.3022


153.2459, 0.3581,
0.3170

 9.9418, 0.4260,
0.2966

190.2564, 0.3549,
0.3179

 5.3604, 0.4517,
0.2883

232.7921, 0.3521,
0.3186

 2.4602, 0.4917,
0.2746

281.2374, 0.3497,

 0.8566, 0.5683,

0.3193

0.2518

335.9767, 0.3476,
0.3199

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7680, 0.3776,
0.3114

52.7680, 0.3776,
0.3114

43.4544, 0.4069,
0.3063

64.0573, 0.3535,
0.3168

35.9952, 0.4416,
0.3021

77.4192, 0.3340,
0.3220

30.2676, 0.4812,
0.2996

92.9533, 0.3182,
0.3271

26.1308, 0.5232,
0.2997

99.9918, 0.3127,
0.3290

■ 23.4216, 0.5637,
0.3032

■ 21.9410, 0.5974,
0.3102

■ 21.4796, 0.6128,
0.3149

Harmonies

Analogous

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



52.7680, 0.3344, 0.2801



52.7680, 0.3776, 0.3114



52.7680, 0.4026, 0.3481

Triad

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



52.7680, 0.3776, 0.3114



52.7680, 0.3325, 0.4108



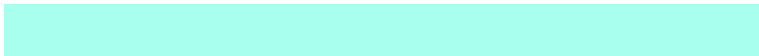
52.7680, 0.2308, 0.2681

Complementary

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



52.7680, 0.3776, 0.3114



85.9941, 0.2723, 0.3478

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.



52.7680, 0.2305, 0.2991



52.7680, 0.3776, 0.3114



52.7680, 0.2871, 0.3865

Square

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



52.7680, 0.3776, 0.3114



52.7680, 0.3745, 0.4078



52.7680, 0.2503, 0.3432



52.7680, 0.2509, 0.2552

Rectangle

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



52.7680, 0.3776, 0.3114



52.7680, 0.4045, 0.3722



52.7680, 0.2503, 0.3432



52.7680, 0.2285, 0.2765

Sweetspot

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



52.7705, 0.3776, 0.3114



83.5434, 0.3271, 0.3241



53.3371, 0.3028, 0.2404



17.4251, 0.3294, 0.3234



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.



52.7705, 0.3776, 0.3114



46.1506, 0.3972, 0.3078



62.7121, 0.3843, 0.3565



18.0450, 0.3263, 0.3244



11.2442, 0.6093, 0.3130



1.1092, 0.5798, 0.2967

Inverse Universe

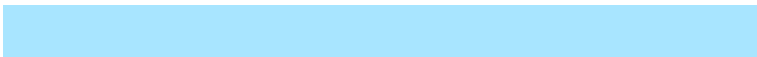
The Inverse Universe completely reimagines the original color for something new.



52.7705, 0.3776, 0.3114



46.1506, 0.3972, 0.3078



71.5171, 0.2604, 0.2995



18.0450, 0.3263, 0.3244



11.2442, 0.6093, 0.3130



1.1092, 0.5798, 0.2967

Previews

White Background



This preview shows how the Yxy color 52.7680, 0.3776, 0.3114 looks on a white background.

Color Contrast Check

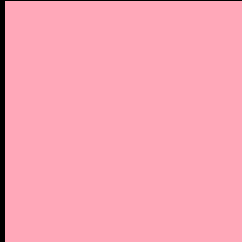
Large Text (above 18pt) WCAG AA × Fail

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 52.7680, 0.3776, 0.3114 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 52.7680, 0.3776, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 52.7680, 0.3776, 0.3114.



This preview shows how white text looks on a background with the Yxy color 52.7680, 0.3776, 0.3114.

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

52.7680, 0.3776, 0.3114

Protanopia

53.2458, 0.3098, 0.3217

Deuteranopia

52.9423, 0.3407, 0.3338



Tritanopia

52.9721, 0.3811, 0.3166

Trichromacy



Original Color

52.7680, 0.3776, 0.3114



Protanomaly

52.3162, 0.3329, 0.3174



Deuteranomaly

52.4821, 0.3544, 0.3246



Tritanomaly

53.0133, 0.3802, 0.3155

Monochromacy



Original Color

52.7680, 0.3776, 0.3114



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.6753, 0.3341, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7680, 0.3776, 0.3114 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, 168, 185)` looks like.

```
.text, #text, p{  
  color:rgb(255, 168, 185)  
}
```

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, 168, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 185) }
```

Border

The CSS property to change the border of an element to Yxy 52.7680, 0.3776, 0.3114 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, 168, 185) }
```

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

```
.border{ border-color:rgb(255, 168, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7680, 0.3776, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 185) }
```

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

```
.background{ background-color: rgb(255,  
168, 185) }
```

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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