

Converting Colors

$Y_{xy}(72.6600, 0.4476, 0.3179)$

Have a look what the booklet for
Yxy(72.6600, 0.4476, 0.3179)
contains.

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Color

Yxy(52.6842, 0.3795, 0.3134)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA8B7 |
| RGB | 255, 168, 183 |
| RGB Percent | 100%, 66%, 72% |
| CMY | 0.0000, 0.3412, 0.2822 |
| CMYK | 0.00, 0.34, 0.28, 0.00 |
| HSL | 350°, 100%, 83% |
| HSV | 350°, 34%, 100% |
| XYZ | 63.7960, 52.6842, 51.6251 |
| YIQ | 195.7230, 47.0370, 23.1090 |

Conversions

Conversions Part 2

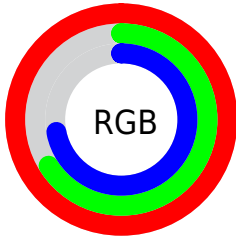
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 168, 183 |
| Decimal | 16754871 |
| CIE _{Lab} | 77.69, 33.95, 5.58 |
| CIE _{LCh} | 78, 34.406, 9.329 |
| Yxy | 52.6842, 0.3795, 0.3134 |
| Android (android.graphics.Color) | 4294944951 (0xFFFFA8B7) |
| YUV | 195.7230, -6.2724, 51.9859 |
| Hunter-Lab | 72.5839, 29.8667, 8.6388 |

Details

The Yxy color **52.6842, 0.3795, 0.3134** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.1334, 0.2714, 0.3456**, and the grayscale version is **55.0448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8033, 0.3246, 0.3142**, and **25.6089, 0.3974, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **43.3608, 0.4097, 0.3089**, and if you desaturate by 10%, it is **63.9857, 0.3547, 0.3182**.

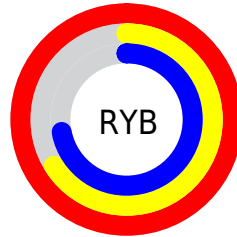
Distribution



Red (100%)

Green (66%)

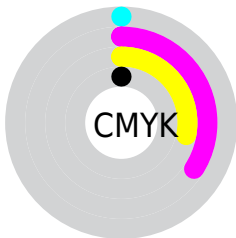
Blue (72%)



Red (100%)

Yellow (66%)

Blue (72%)

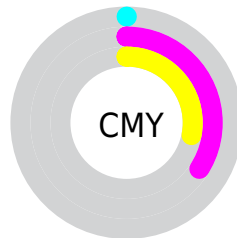


Cyan (0%)

Magenta (34%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6842, 0.3795, 0.3134 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 52.6842, 0.3795, 0.3134 by changing the saturation by 10% instead.


 52.6842, 0.3795,
0.3134


 52.6842, 0.3795,
0.3134


397.0723, 0.3466,
0.3215

 37.5507, 0.3875,
0.3113


 94.1395, 0.3677,
0.3164

 25.6342, 0.3978,
0.3086


 121.2301, 0.3632,
0.3175

 16.5502, 0.4112,
0.3049


153.0753, 0.3594,
0.3184

 9.9143, 0.4295,
0.2997


190.0593, 0.3561,
0.3192

 5.3422, 0.4560,
0.2918

232.5666, 0.3533,
0.3199

 2.4494, 0.4973,
0.2786

280.9817, 0.3508,

 0.8511, 0.5798,

0.3205

0.2577

335.6888, 0.3486,
0.3210

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6842, 0.3795,
0.3134

52.6842, 0.3795,
0.3134

43.3608, 0.4097,
0.3089

63.9857, 0.3547,
0.3182

35.9005, 0.4455,
0.3053

77.3696, 0.3346,
0.3228

30.1776, 0.4862,
0.3032

92.9337, 0.3184,
0.3273

26.0505, 0.5292,
0.3035

100.0000, 0.3127,
0.3290

■ 23.3553, 0.5701,
0.3070

■ 21.8918, 0.6034,
0.3135

■ 21.4424, 0.6180,
0.3178

Harmonies

Analogous

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



52.6842, 0.3370, 0.2817



52.6842, 0.3795, 0.3134



52.6842, 0.4031, 0.3502

Triad

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



52.6842, 0.3795, 0.3134



52.6842, 0.3299, 0.4100



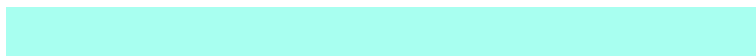
52.6842, 0.2316, 0.2670

Complementary

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



52.6842, 0.3795, 0.3134



86.1334, 0.2714, 0.3456

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.



52.6842, 0.2301, 0.2970



52.6842, 0.3795, 0.3134



52.6842, 0.2847, 0.3843

Square

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



52.6842, 0.3795, 0.3134



52.6842, 0.3724, 0.4085



52.6842, 0.2488, 0.3406



52.6842, 0.2526, 0.2551

Rectangle

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



52.6842, 0.3795, 0.3134



52.6842, 0.4040, 0.3741



52.6842, 0.2488, 0.3406



52.6842, 0.2288, 0.2751

Sweetspot

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



52.6844, 0.3795, 0.3134



83.5109, 0.3275, 0.3247



53.5834, 0.3039, 0.2407



17.4173, 0.3299, 0.3241



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.



52.6844, 0.3795, 0.3134



46.0632, 0.3997, 0.3103



63.3632, 0.3839, 0.3580



18.0383, 0.3267, 0.3249



11.2189, 0.6147, 0.3160



1.1058, 0.5864, 0.3004

Inverse Universe

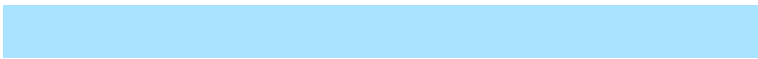
The Inverse Universe completely reimagines the original color for something new.



52.6844, 0.3795, 0.3134



46.0632, 0.3997, 0.3103



70.7286, 0.2601, 0.2978



18.0383, 0.3267, 0.3249



11.2189, 0.6147, 0.3160



1.1058, 0.5864, 0.3004

Previews

White Background



This preview shows how the Yxy color 52.6842, 0.3795, 0.3134 looks on a white background.

Color Contrast Check

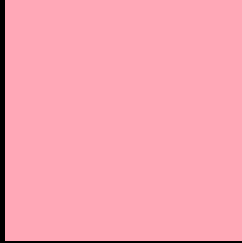
Large Text (above 18pt) WCAG AA × Fail

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 52.6842, 0.3795, 0.3134 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 52.6842, 0.3795, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 52.6842, 0.3795, 0.3134.

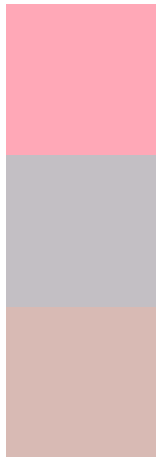


This preview shows how white text looks on a background with the Yxy color 52.6842, 0.3795, 0.3134.

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

52.6842, 0.3795, 0.3134

Protanopia

52.8492, 0.3122, 0.3229

Deuteranopia

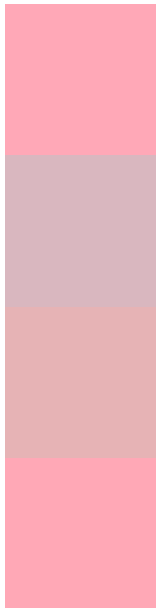
53.0120, 0.3432, 0.3362



Tritanopia

52.6015, 0.3814, 0.3155

Trichromacy



Original Color

52.6842, 0.3795, 0.3134

Protanomaly

52.3803, 0.3354, 0.3197

Deuteranomaly

52.3994, 0.3561, 0.3269

Tritanomaly

52.6427, 0.3805, 0.3145

Monochromacy



Original Color

52.6842, 0.3795, 0.3134

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.6311, 0.3350, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6842, 0.3795, 0.3134 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.6842, 0.3795, 0.3134 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, 183) }
```

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

```
.border{ border-color:rgb(255, 168, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6842, 0.3795, 0.3134 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, 183) }
```

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

```
.background{ background-color: rgb(255,  
168, 183) }
```

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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