

Converting Colors

$Yxy(64.8243, 0.4408, 0.3244)$

Have a look what the booklet for
Yxy(64.8243, 0.4408, 0.3244)
contains.

Yxy(51.5110, 0.3907, 0.3229)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.5110, 0.3907, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6AC
RGB	255, 166, 172
RGB Percent	100%, 65%, 67%
CMY	0.0000, 0.3490, 0.3255
CMYK	0.00, 0.35, 0.33, 0.00
HSL	356°, 100%, 83%
HSV	356°, 35%, 100%
XYZ	62.3269, 51.5110, 45.6883
YIQ	193.2950, 51.1180, 20.7340

Conversions

Conversions Part 2

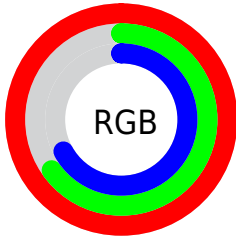
Format	Color
R _Y B	255, 166, 172
Decimal	16754348
CIE Lab	76.99, 33.58, 10.59
CIE LCh	77, 35.215, 17.505
Yxy	51.5110, 0.3907, 0.3229
Android (android.graphics.Color)	4294944428 (0xFFFFA6AC)
YUV	193.2950, -10.4984, 54.1153
Hunter-Lab	71.7712, 29.4118, 12.4968

Details

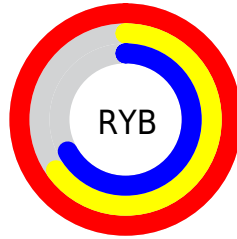
The Yxy color **51.5110, 0.3907, 0.3229** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4661, 0.2661, 0.3355**, and the grayscale version is **53.5502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0486, 0.3330, 0.3241**, and **24.9021, 0.4118, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **42.3074, 0.4257, 0.3213**, and if you desaturate by 10%, it is **62.7151, 0.3620, 0.3247**.

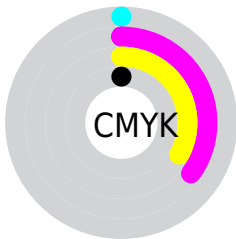
Distribution



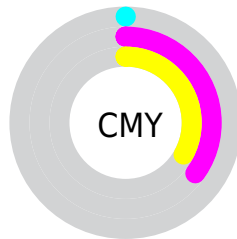
- Red (100%)
- Green (65%)
- Blue (67%)



- Red (100%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5110, 0.3907, 0.3229 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 51.5110, 0.3907, 0.3229 by changing the saturation by 10% instead.


 51.5110, 0.3907,
0.3229


 51.5110, 0.3907,
0.3229


392.5459, 0.3520,
0.3268

 36.6154, 0.4002,
0.3217


 92.4097, 0.3767,
0.3245

 24.9099, 0.4123,
0.3200


 119.1816, 0.3715,
0.3250

 16.0099, 0.4283,
0.3176


150.6811, 0.3670,
0.3255

 9.5312, 0.4501,
0.3138

187.2925, 0.3631,
0.3259

 5.0892, 0.4817,
0.3075

229.4003, 0.3598,
0.3262

 2.2997, 0.5309,
0.2957

277.3889, 0.3569,

 0.7736, 0.6698,

0.3264

0.2918

331.6426, 0.3543,
0.3266

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.5110, 0.3907,
0.3229

51.5110, 0.3907,
0.3229

42.3074, 0.4257,
0.3213

62.7151, 0.3620,
0.3247

34.9876, 0.4669,
0.3201

76.0291, 0.3389,
0.3265

29.4210, 0.5128,
0.3197

91.5532, 0.3204,
0.3282

25.4608, 0.5590,
0.3205

100.0000, 0.3127,
0.3290

■ 22.9363, 0.5991,
0.3226

■ 21.6381, 0.6265,
0.3258

■ 21.3011, 0.6349,
0.3271

Harmonies

Analogous

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



51.5110, 0.3508, 0.2883



51.5110, 0.3907, 0.3229



51.5110, 0.4078, 0.3609

Triad

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



51.5110, 0.3907, 0.3229



51.5110, 0.3173, 0.4082



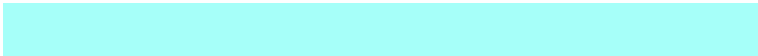
51.5110, 0.2332, 0.2599

Complementary

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



51.5110, 0.3907, 0.3229



86.4661, 0.2661, 0.3355

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.



51.5110, 0.2261, 0.2858



51.5110, 0.3907, 0.3229



51.5110, 0.2723, 0.3749

Square

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



51.5110, 0.3907, 0.3229



51.5110, 0.3632, 0.4141



51.5110, 0.2397, 0.3278



51.5110, 0.2599, 0.2529

Rectangle

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



51.5110, 0.3907, 0.3229



51.5110, 0.4035, 0.3845



51.5110, 0.2397, 0.3278



51.5110, 0.2286, 0.2664

Sweetspot

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



51.5106, 0.3907, 0.3229



83.3577, 0.3293, 0.3273



54.3723, 0.3108, 0.2406



17.3805, 0.3319, 0.3271



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.



51.5106, 0.3907, 0.3229



44.7792, 0.4148, 0.3217



66.7640, 0.3828, 0.3677



18.0069, 0.3284, 0.3274



11.1376, 0.6332, 0.3262



1.0911, 0.6177, 0.3176

Inverse Universe

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



51.5106, 0.3907, 0.3229



44.7792, 0.4148, 0.3217



65.4261, 0.2576, 0.2865



18.0069, 0.3284, 0.3274



11.1376, 0.6332, 0.3262



1.0911, 0.6177, 0.3176

Previews

White Background



This preview shows how the Yxy color 51.5110, 0.3907, 0.3229 looks on a white background.

Color Contrast Check

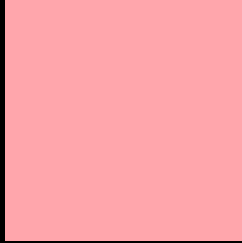
Large Text (above 18pt) WCAG AA × Fail

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 51.5110, 0.3907, 0.3229 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 51.5110, 0.3907, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 51.5110, 0.3907, 0.3229.



This preview shows how white text looks on a background with the Yxy color 51.5110, 0.3907, 0.3229.

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

51.5110, 0.3907, 0.3229

Protanopia

51.9318, 0.3207, 0.3352

Deuteranopia

51.8973, 0.3538, 0.3470



Tritanopia

51.3846, 0.3852, 0.3155

Trichromacy



Original Color

51.5110, 0.3907, 0.3229



Protanomaly

51.0947, 0.3450, 0.3303



Deuteranomaly

51.3355, 0.3674, 0.3372



Tritanomaly

51.3049, 0.3871, 0.3176

Monochromacy



Original Color

51.5110, 0.3907, 0.3229



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.9687, 0.3396, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5110, 0.3907, 0.3229 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, 166, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 172)  
}
```

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, 166, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 172) }
```

Border

The CSS property to change the border of an element to Yxy 51.5110, 0.3907, 0.3229 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, 166, 172) }
```

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

```
.border{ border-color:rgb(255, 166, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5110, 0.3907, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 172) }
```

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

```
.background{ background-color: rgb(255,  
166, 172) }
```

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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