

# Converting Colors

Yxy(57.6962, 0.4149, 0.3259)

Have a look what the booklet for  
Yxy(57.6962, 0.4149, 0.3259)  
contains.

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# **Color**

**Yxy(52.2055, 0.3910, 0.3261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA8AB
RGB	255, 168, 171
RGB Percent	100%, 66%, 67%
CMY	0.0000, 0.3412, 0.3295
CMYK	0.00, 0.34, 0.33, 0.00
HSL	358°, 100%, 83%
HSV	358°, 34%, 100%
XYZ	62.5954, 52.2055, 45.2896
YIQ	194.3550, 50.8890, 19.3770

# Conversions

## Conversions Part 2

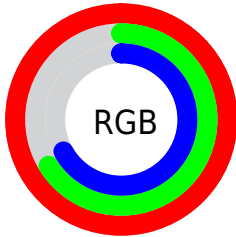
Format	Color
R <sub>Y</sub> B	255, 168, 171
Decimal	16754859
CIE Lab	77.40, 32.41, 11.75
CIE LCh	77, 34.477, 19.920
Yxy	52.2055, 0.3910, 0.3261
Android (android.graphics.Color)	4294944939 (0xFFFFA8AB)
YUV	194.3550, -11.5140, 53.1857
Hunter-Lab	72.2534, 28.1968, 13.4134

# Details

The Yxy color **52.2055, 0.3910, 0.3261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.8753, 0.2656, 0.3321**, and the grayscale version is **54.2143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0623, 0.3334, 0.3271**, and **25.3291, 0.4121, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **42.8414, 0.4268, 0.3253**, and if you desaturate by 10%, it is **63.5893, 0.3617, 0.3270**.

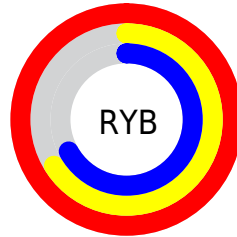
# Distribution



Red (100%)

Green (66%)

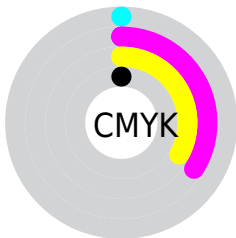
Blue (67%)



Red (100%)

Yellow (66%)

Blue (67%)

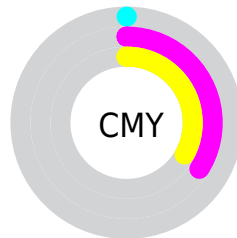


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (34%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2055, 0.3910, 0.3261 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 52.2055, 0.3910, 0.3261 by changing the saturation by 10% instead.





 52.2055, 0.3910,  
0.3261


 52.2055, 0.3910,  
0.3261


395.2294, 0.3522,  
0.3285

 37.1689, 0.4005,  
0.3252


 93.4342, 0.3770,  
0.3272

 25.3383, 0.4126,  
0.3240


 120.3952, 0.3717,  
0.3275

 16.3293, 0.4285,  
0.3221

152.0997, 0.3673,  
0.3278

 9.7575, 0.4503,  
0.3191

188.9321, 0.3634,  
0.3280

 5.2384, 0.4816,  
0.3137

231.2769, 0.3601,  
0.3282

 2.3878, 0.5301,  
0.3033

279.5185, 0.3571,

 0.8196, 0.6690,

0.3283

0.3045

334.0412, 0.3545,  
0.3284

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.2055, 0.3910,  
0.3261

52.2055, 0.3910,  
0.3261

42.8414, 0.4268,  
0.3253

63.5893, 0.3617,  
0.3270

35.3808, 0.4691,  
0.3248

77.1032, 0.3381,  
0.3278

29.6927, 0.5160,  
0.3247

92.8475, 0.3193,  
0.3287

25.6303, 0.5630,  
0.3252

100.0000, 0.3127,  
0.3290

■ 23.0235, 0.6031,  
0.3264

■ 21.6643, 0.6294,  
0.3280

■ 21.2791, 0.6377,  
0.3286

# Harmonies

## Analogous

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



52.2055, 0.3535, 0.2918



52.2055, 0.3910, 0.3261



52.2055, 0.4055, 0.3632

# Triad

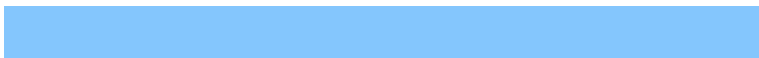
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.2055, 0.3910, 0.3261



52.2055, 0.3136, 0.4043



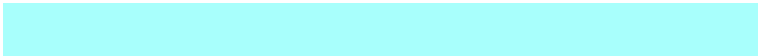
52.2055, 0.2365, 0.2603

# Complementary

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



52.2055, 0.3910, 0.3261



86.8753, 0.2656, 0.3321

# 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.



52.2055, 0.2279, 0.2842



52.2055, 0.3910, 0.3261



52.2055, 0.2702, 0.3703

# Square

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



52.2055, 0.3910, 0.3261



52.2055, 0.3587, 0.4125



52.2055, 0.2396, 0.3243



52.2055, 0.2641, 0.2549



# Rectangle

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



52.2055, 0.3910, 0.3261



52.2055, 0.4000, 0.3858



52.2055, 0.2396, 0.3243



52.2055, 0.2314, 0.2663

# Sweetspot

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



52.2049, 0.3910, 0.3261



83.3097, 0.3299, 0.3282



55.6701, 0.3132, 0.2431



17.3690, 0.3326, 0.3281



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.



52.2049, 0.3910, 0.3261



45.5502, 0.4149, 0.3256



68.7859, 0.3798, 0.3697



17.9971, 0.3289, 0.3282



11.1231, 0.6366, 0.3281



1.0864, 0.6285, 0.3236



# Inverse Universe

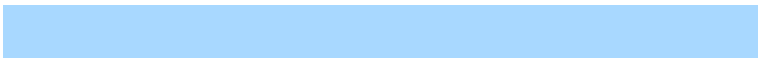
The Inverse Universe completely reimagines the original color for something new.



52.2049, 0.3910, 0.3261



45.5502, 0.4149, 0.3256



64.5802, 0.2583, 0.2842



17.9971, 0.3289, 0.3282



11.1231, 0.6366, 0.3281



1.0864, 0.6285, 0.3236



# Previews

## White Background



This preview shows how the Yxy color 52.2055, 0.3910, 0.3261 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

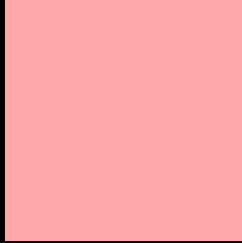
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.2055, 0.3910, 0.3261 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 52.2055, 0.3910, 0.3261**

## Background



This preview shows how black text looks on a background with the Yxy color 52.2055, 0.3910, 0.3261.



This preview shows how white text looks on a background with the Yxy color 52.2055, 0.3910, 0.3261.

# 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

52.2055, 0.3910, 0.3261

### Protanopia

52.5508, 0.3238, 0.3389

### Deuteranopia

52.5851, 0.3561, 0.3492



## Tritanopia

52.1521, 0.3836, 0.3166

# Trichromacy



## Original Color

52.2055, 0.3910, 0.3261



## Protanomaly

52.0271, 0.3464, 0.3338



## Deuteranomaly

52.2606, 0.3686, 0.3405



## Tritanomaly

52.0320, 0.3865, 0.3197

# Monochromacy



## Original Color

52.2055, 0.3910, 0.3261



## Achromatopsia

53.9479, 0.3127, 0.3290



## Achromatomaly

52.8420, 0.3384, 0.3279

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.2055, 0.3910, 0.3261 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 52.2055, 0.3910, 0.3261 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, 171) }
```

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

```
.border{ border-color:rgb(255, 168, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
171) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.2055, 0.3910, 0.3261 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, 171) }
```

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

```
.background{ background-color: rgb(255,  
168, 171) }
```

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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